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Statistical Digest No. 70

Fishery Statistics of the United States 1976

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U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
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Statistical Digest No. 70

Fishery Statistics of the United States 1976

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Washington, D.C.
October 1980

U.S. DEPARTMENT OF COMMERCE
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PREFACE

This report contains a review of U.S. commercial fishery statistics for the calendar year 1976. These statistics include data on the volume and value of landed catches, employment, quantity of gear operated, and number of fishing craft. Also included are data on the volume and value of production of processed fishery products, freezings and cold storage holdings, and foreign trade in fishery commodities.

Landings data do not include production of artificially cultivated fish or shellfish, except oysters. Landings data include neither the marine or freshwater catches made for sport or personal use including those by Aleuts, Eskimos, and Indians, nor landings by foreign fishing vessels in U.S. ports, nor imports. They include landings made by U.S. fishing vessels at foreign ports for transshipment to the United States under bond or as "Products of American Fisheries."

Unless otherwise noted, landings data are only for the 50 States. Landings in Puerto Rico are shown separately in Section 11. Data on production of processed products are for the 50 States, Puerto Rico, and American Samoa.

Weights in all of the U.S. landings tables in this report, except the one entitled, "U.S. Landings, 1976—Live Weight Basis," are in round (live) weight, excluding weight of shells. Weights shown for univalve and bivalve mollusks (conchs, clams, oysters, scallops, et al.) represent the weights of meats. The weight of shells omitted from the catch in 1976 was about 1.2 billion pounds. It should be noted, however, that the data in the table "World Landings of Fish, Crustaceans, Mollusks, et al., by Countries" are shown on a live weight basis with shell weights included.

Values of the landings are gross dollar returns to the fishermen, and are known as "exvessel prices." The values shown for the processed fishery products are the gross amounts received by the producer at the production point; no deductions are made for commission or expenses.

All appropriate records collected by the various State fishery agencies were used in assembling data on the fisheries. In certain areas, information complete enough to be used by the statistical agents was available from State agencies, and in these States, only partial surveys were made. Information on the means of collecting the data and an explanation of terms used may be found in Section 13 of this publication.

Complete statistical surveys covering the fisheries of the United States were made by the National Marine Fisheries Service in all areas for 1970-76. The first complete survey of the fisheries of the United States was made by the Bureau of Census for 1908. Others were made by the Bureau of Fisheries and the Fish and Wildlife Service for the years 1931, 1950, 1954-60, and 1962-69.

ACKNOWLEDGMENTS

The data in this edition of "Fishery Statistics of the United States" were collected in cooperation with the various States and tabulated by the staff of the Resource Statistics Division under the direction of Joseph Pileggi and B.G. Thompson. The material was prepared for publication by Thelma I. Bell and Anne D. Rinn. Field surveys were supervised by the various regional and area offices. Program leaders in charge of field surveys were: Francis Riley, New England, Middle Atlantic, Chesapeake, Great Lakes and northern Mississippi River States; E.E. Burgess, South Atlantic, Gulf, and southern Mississippi River States; James R. Bybee, California; John K. Bishop, Washington and Oregon; Janet E. Smoker, Alaska; and Doyle E. Gates, Hawaii.

The cooperation of the many contributors is gratefully acknowledged. Contributors are given credit for their information in the section of the report in which the data appear.

FISHERY STATISTICS OF THE UNITED STATES, 1976

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SECTION 1 - GENERAL REVIEW

In 1976, commercial fishery landings at ports in the United States were a record 5.4 billion pounds (round weight) valued at a record $1.3 billion to the fishermen--increases of 10 percent in volume and 38 percent in value over 1975. There were record landings of several major species such as Pacific flounders, shrimp, snow crab, spanish mackerel, and tuna. Landings of sea herring, menhaden, and salmon also increased significantly. However, landings of anchovies and surf clams declined sharply.

U.S. flag vessels also landed tuna and shrimp at ports outside the United States. These landings consisted of 174.3 million pounds of tuna valued at $50.0 million, landed principally at Puerto Rico, and 7.8 million pounds of shrimp valued at $15.1 million, landed at Caribbean ports.

Fishermen took 1.0 billion pounds of shellfish worth $697.4 million, up 9 percent in volume and 42 percent in value over 1975. Shellfish accounted for 52 percent of the value, but only 19 percent of the volume of landings in the United States. The value of shellfish landings exceeded the value of finfish landings in the Atlantic and Gulf. Data on shellfish landings do not include the weight of the shells of clams, oysters, and other mollusks. (See Section 1.--General Review, "U.S. landings, live weight basis.")

Disposition of landings. In 1976, about half the total landed (2.8 billion pounds) was used for human food. Landings were the largest since 1952 and 14 percent above the average for the previous 5 years. The NMFS statisticians estimated that 1,802 million pounds (65 percent) of the fish used for human food were fresh or frozen, 918 million pounds (33 percent) were canned, and 55 million pounds (2 percent) were cured. Landings at U.S. ports of species used for reduction to meal and for other industrial purposes were 2.6 billion pounds. This quantity, 7 percent greater than in 1975 and 5 percent above the average for the previous 5 years, was short of the record amount landed in 1962. In 1976, 2,353 million pounds (90 percent) of the fish for industrial purposes were converted to meal and oil; 133 million pounds (5 percent), canned for animal food; and 95 million pounds (4 percent) used as bait; and most of the small remainder used for fresh or frozen animal food or processed into such items as shell buttons and novelties.

Per capita consumption. U.S. per capita consumption of commercially caught fish and shellfish in 1976 was a record 13.1 pounds (edible meat) in 1976, up 0.7 pounds from the 12.3 pounds in 1975.

U.S. PER CAPITA CONSUMPTION OF COMMERCIAL FISH AND SHELLFISH

Year	Civilian resident population July 1	Per capita consumption			
		Fresh and frozen (1)	Canned 2/	Cured	Total
	Million persons	Pounds, edible meat			
1970. . . .	201.7	6.9	4.5	0.4	11.8
1971. . . .	204.3	6.7	4.3	.5	11.5
1972. . . .	206.5	7.2	4.9	.4	12.5
1973. . . .	208.1	7.5	5.0	.4	12.9
1974. . . .	209.7	7.0	4.8	.4	12.2
1975. . . .	211.4	7.6	4.3	.4	12.3
1976. . . .	213.0	8.3	4.3	.5	13.1

1/ Beginning in 1973, data included consumption of artificially cultivated catfish.

2/ Canned fish consumption is based on production reports, packer stocks, and foreign trade statistics for individual years.

Note:—Per capita consumption represents the pounds consumed of edible U.S. production from both domestically caught and imported fish and shellfish adjusted for the beginning and ending inventories, imports, exports, and military purchases, divided by the civilian resident population of the United States on July 1 of each year. These consumption figures refer only to consumption of fish and shellfish entering commercial channels, and do not include amounts harvested and consumed by recreational fishermen.

Principal States. Louisiana led all States in volume of landings with 1.2 billion pounds—23 percent of all U.S. landings. California was second with 917.0 million pounds, followed by Alaska with 617.0 million pounds; Virginia, 528.9 million pounds; and Mississippi, 291.8 million pounds. Alaska led all States in value of landings with $239.5 million—18 percent of the total. California was next with $186.6 million; followed by Louisiana with $138.4 million; Texas, $128.1 million; and Massachusetts, $95.8 million.

GENERAL REVIEW

Principal ports. San Pedro, Calif., led all ports in volume of landings with 599.9 million pounds. Cameron, La., was second with 386.4 million pounds, followed by Dulac-Chauvin, La., 236.9 million pounds; Pascagoula-Moss Point, Miss., 218.6 million pounds; Empire, La., 214.0 million pounds, and Morgan City, La., 163.8 million pounds. Tuna was the principal species landed at San Pedro, and menhaden was the principal species landed at the other five ports.

Fishermen and vessels. In the United States, 173,610 fishermen operated 16,868 vessels (5 net tons or more) and 85,946 boats in 1976. This was an increase of 5,597 fishermen, 657 vessels, and 1,037 boats compared with 1975.

Processed products. (See "Processed fishery products" in this section.)

Alewives. Landings were 53.7 million pounds valued at $1.1 million, down 9 percent in volume and 8 percent in value from 1975. Production in Lake Michigan (39.2 million pounds or 73 percent of the U.S. production) increased 11 percent, and South Atlantic (6.5 million pounds) increased 8 percent. Landings in New England were 3.5 million pounds (down 36 percent); Chesapeake, 4.4 million pounds (down 64 percent); and Middle Atlantic, 12,000 pounds (down 52 percent). The Gulf States had no production of alewives in 1975, but there were 125,000 pounds landed in 1976.

Anchovies. (See Section 7.—Pacific Coast Fisheries.)

Clams. Landings of all species yielded 82.5 million pounds of meats valued at $64.3 million—a decline of 27 percent in volume, but an increase of 48 percent in value compared with 1975. Once again, as in 1975, the principal reason for the decline in harvest was a sharp decline in landings of surf clams. Most other species showed slight increases in landings over 1975. The fishery for ocean quahogs is expanding yearly in Rhode Island and New Jersey; 5.6 million pounds were landed in 1976 compared with 1.3 million pounds in 1975.

Surf clam landings of 49.2 million pounds valued at $23.4 million were down 43 percent in quantity, but up 86 percent in value compared with 1975. Surf clams were 60 percent of the volume, but only 36 percent of the value of all species of clams. The fishery was centered off New Jersey, because the Virginia grounds are becoming depleted. New Jersey landings were 24.4 million pounds—down 31 percent from 1975, partly because bottom dwelling shellfish were killed off during the summer. The kill was attributed to low oxygen levels. Surf clam landings in Virginia were 14.1 million pounds—down 64 percent from 1975.

Hard clams led in value of landings with 40 percent of the total, but only 18 percent of the total volume. Landings yielded 15.3 million pounds of meats valued at $25.8 million—increases of 2 percent in volume and 21 percent in value over 1975. New York was the leading State with 9.0 million pounds of meats, followed by Rhode Island with 1.5 million pounds.

Landings of soft clams were 10.5 million pounds valued at $12.3 million—increases of 14 percent in volume and 42 percent in value over 1975. Maine landings were 7.4 million pounds or 70 percent of the total catch. Landings in Maryland (1.8 million pounds) were 40 percent better than 1975, because of the discovery of a new area in Pocomoke Sound in early 1976.

Crabs. Total landings of crabs were 346.5 million pounds valued at $134.5 million. Increased landings of all species except blue and green crabs brought the total to 13 percent more than the previous 5-year-average.

Landings of hard blue crabs were 115.4 million pounds valued at $23.6 million—down 14 percent in volume, but up 16 percent in value over 1975. Chesapeake led with landings of 45.2 million pounds—a decline of 24 percent from 1975. Some Chesapeake Bay watermen and scientists blame the smaller landings on declining stands of eel grass, which produce habitat and food for crabs. Landings in the Gulf (36.6 million pounds) decreased 6 percent; South Atlantic (27.4 million pounds) 10 percent; and the Middle Atlantic (6.3 million pounds) 2 percent. Virginia led in production with 25.8 million pounds, followed by Maryland with 19.4 million pounds, and Louisiana, 15.2 million pounds.

Dungeness crab landings were 34.4 million pounds valued at $20.8 million, increases of 88 percent in volume and 83 percent in value over 1975. California accounted for most of the increase. Landings were 15.7 million pounds in 1976 compared with 3.9 million pounds in 1975. Landings in Washington and Oregon were also good. The sizeable increase in landings can be attributed to a strong incoming year class, which attracted more boats to the fishery.

GENERAL REVIEW

Alaska catch of king crab was 105.9 million pounds worth $68.7 million—increases of 8 percent in volume and 80 percent in value over 1975. Landings were the highest since 1967 and 22 percent above the 1971-75 average. The average price-per-pound for king crabs was 65 cents in 1976 compared with 39 cents in 1975 and 41 cents in 1974.

Landings of snow crab were a record 80.8 million pounds valued at $16.2 million—up 72 percent in volume and 130 percent in value over 1975. The entire catch was in Alaska. Rising market demand and consumer acceptance improved the market outlook for this product in 1976.

Flounders. Landings were 169.4 million pounds valued at $52.4 million—up 5 percent in volume and 18 percent in value over 1975. The New England States had 47 percent of the landings; the Pacific Coast, 36 percent; South Atlantic, 7 percent; Middle Atlantic, 6 percent; and the rest was landed in the Chesapeake and Gulf States. Yellowtail was the principal species taken in New England waters. Landings were 37.4 million pounds—a decline of 10 percent from 1975 and the smallest landings since 1960. Various species of "sole" were 56.2 million pounds or 91 percent of the total flounder landings in the Pacific Coast States. Landings of "sole" were up 6 percent over 1975.

Groundfish. Landings of Atlantic groundfish (Atlantic ocean perch, cod, cusk, haddock, hakes, pollock, and whiting) were 189.3 million pounds valued at $33.8 million—increases of 4 percent in volume and 14 percent in value over 1975. Cod was the leading groundfish in both volume and value. Landings of Atlantic cod were 56.0 million pounds valued at $14.6 million—down only 104,000 pounds, but up $1.4 million. Landings of haddock (12.8 million pounds) declined 21 percent and cusk (2.8 million pounds) declined 10 percent from 1975. Landings of hakes (14.1 million pounds) increased 26 percent; pollock (23.8 million pounds), 14 percent; whiting (47.7 million pounds), 13 percent; and Atlantic ocean perch (32.1 million pounds), less than 1 percent. Pollock landings were the highest since 1959, and white hake were the highest since 1953, but ocean perch was 35 percent below the average for the previous 5 years.

Landings of Pacific groundfish and similar species (cod, hakes, ocean perch, and rockfishes) were 66.8 million pounds valued at $8.7 million, increases of 23 percent in volume and 39 percent in value over 1975. Pacific cod (12.9 million pounds) increased 6 percent; ocean perch (5.4 million pounds), 38 percent; and rockfishes (44.3 million pounds), 27 percent.

Halibut. Landings on the Pacific Coast accounted for all but 128,000 pounds landed in New England. (See Section 7.--Pacific Coast Fisheries.)

Jack mackerel. (See Section 7.—Pacific Coast Fisheries.)

Lobster, American. Landings were 31.5 million pounds valued at $51.9 million in 1976. This was an increase of 1.3 million pounds and $499,000 over 1975. Fishermen received an average price of $1.65 per pound in 1976—5 cents less than in 1975. Landings declined 22 percent in the Middle Atlantic States, but increased in the New England and Chesapeake States. In Maine, the principal producing State, landings of 19.0 million pounds were 2.0 million pounds more than in 1975.

Under the Fisheries Conservation and Management Act of 1976, foreign fishing for American lobsters is prohibited in the U.S. Fisheries Conservation Zone (FCZ). To avoid domestic lobster pots being damaged by foreign trawlers a narrow strip between 100 and 200 fathoms, roughly from Georges Bank to Cape Hatteras, is closed to foreign fishing while domestic lobster pots are in place. Although foreign fishermen are allowed to fish within other specified areas, or "windows" in the 200-mile FCZ, they will not be allowed to trawl in any place where U.S. lobstermen are fishing their pots and have reported those locations to the U.S. Coast Guard.

Lobster, spiny. The spiny lobster harvest was 5.6 million pounds valued at $9.3 million—declines of 26 percent in volume and 10 percent in value from 1975. Florida accounted for 95 percent of the total production of spiny lobster. Landings in Florida of 5.3 million pounds were the lowest since 1967. After hitting a peak of 11.4 million pounds in 1972, annual lobster landings began a gradual downward slide and then dropped sharply in 1975 when the Bahamian Government banned outside fishermen from the Bahamian Continental Shelf. During the record year in 1972, more than half of the lobster landings were taken from Bahamanian waters. The California commercial harvest was 293,000 pounds in 1976—an increase of 46 percent over 1975.

GENERAL REVIEW

Menhaden. Landings of Gulf and Atlantic menhaden were 2.0 billion pounds valued at $67.2 million—increases of 236.3 million pounds and $17.8 million compared with 1975. Ninety-seven percent of the production was used for reduction into meal, oil, and solubles, the rest was used for bait or canned for pet food.

Landings of Gulf menhaden were 1.2 billion pounds—up 3 percent over 1975. Poor weather in the early part of the season held down landings in the Gulf States. Fishing effort in the purse seine fishery increased; 82 vessels fished, and the industry expects more effort in 1977. Age-1 menhaden dominated the catch (65 to 76 percent), as they did in 1974 and 1975. Landings of Atlantic menhaden in 1976 were 801.7 million pounds, an increase of 32 percent over 1975. Of the 801.7 million pounds landed, 92 percent was processed into meal and oil. The strong showing of fish in Chesapeake Bay and in Middle Atlantic and North Atlantic waters was in contrast to the less than average catch of menhaden in the South Atlantic area in 1976. Total fishing effort was less in the Atlantic area in 1976 than in 1975, even though more vessels were active. Age-2 menhaden dominated landings along most of the coast (55 percent). Age-2 fish were about half the catch in the South Atlantic area. Landings in the North Carolina fall fishery were about the same as they were in 1975. Louisiana was the principal State using menhaden for reduction, followed by Virginia, Mississippi, and North Carolina.

Oysters. Landings yielded 54.4 million pounds of oyster meats worth a record $54.4 million—increases of 2 percent in volume and 21 percent in value over 1975. Production declined in the New England and Chesapeake States, but increased in all other oyster-producing areas. For the first time since 1968, the Gulf States led in production with 21.6 million pounds of meats. Chesapeake States were next with 21.0 million pounds. The Gulf and Chesapeake States accounted for 78 percent of the landings. Louisiana was first in production with 12.3 million pounds—down 10 percent from 1975. Landings in Maryland were 14.9 million pounds—a decline of 9 percent from 1975. In Virginia, landings were 6.1 million pounds, a decrease of only 2 percent despite the winter ban on the taking of market and seed oysters in the James River, because of pollution by the pesticide Kepone.

Salmon. Virtually all landings were on the Pacific Coast. (See Section 7—Pacific Coast Fisheries.)

Scallops. Total landings of all species of scallops yielded 23.7 million pounds worth $39.6 million--gains of 73 percent in volume and 72 percent in valued over 1975. Landings were 32 percent above the 5-year average of 10.2 million pounds. The sharp increase in total scallop landings was primarily attributable to an increase in abundance of sea scallops. Sea scallops accounted for 85 percent of the total landings; bay scallops, 11 percent; and calico scallops, 4 percent.

Sea scallop landings were 19.9 million pounds valued at $35.0 million in 1976, almost twice the quantity and value landed in 1975. Abundance was greater on scallop beds off Long Island and New Jersey; commercial amounts reappeared on the fishing grounds off Cape Cod; and as a result many vessels were attracted to the fishery.

Bay scallop landings were 1.6 million pounds of meats valued at $3.0 million in 1976—decreases of 4 percent in volume and 12 percent in value from 1975. The average price per pound declined from $2.06 per pound in 1975 to $1.89 in 1976.

Calico scallop landings (2.3 million pounds of meats) were the largest since the fishery began in 1959 when productive beds were first located off North Carolina. Surveys off Cape Canaveral in the Spring of 1976 by the NOAA vessels Bowers and Oregon II indicated a large incoming year class.

Sea herring. Landings of sea herring were 154.0 million pounds worth $8.2 million--increases of 18 percent in volume and 32 percent in value over 1975. Landings of Atlantic sea herring accounted for 72 percent of the total U.S. landings. The harvest of 10.5 million pounds was the largest since 1963. Maine was the leading State with 70.2 million pounds—32.0 million pounds or 84 percent more than in 1975. Massachusetts landings of 39.7 million pounds increased 24 percent, but Rhode Island landings were only 394,000 pounds compared with 9.0 million pounds in 1975. American and foreign fisheries for Atlantic sea herring in offshore waters were subject to regulation by the International Commission for the Northwest Atlantic Fisheries (ICNAF) in 1976. The United States, which withdrew from ICNAF, effective December 31, 1976, placed foreign fisheries in the Fishery Conservation Zone (FCZ) under U.S. control effective March 1, 1977.

Landings of Pacific sea herring were 43.5 million pounds valued at $3.9 million—down 15 percent in volume, but up 8 percent in value compared with 1975. About 75 percent of this total was landed in Alaska, 14 percent in Washington, 11 percent in California, and a small remainder in Oregon. Foreign fishing for Pacific sea herring in the FCZ of the Eastern Bering Sea and Northeast Pacific became subject to a preliminary Fishery Management Plan on March 1, 1977.

Shrimp. Landings were a record 406.4 million pounds (heads-on), an increase of 17 percent over 1975 and 3 percent better than the 1971 record year. Shrimp landings were valued at a record $331.1 million to the fishermen, up 47 percent from 1975, the previous record year.

Alaska led all States in landings for the fifth consecutive year with a record 128.7 million pounds—up 30 percent from 1975. Louisiana was second in production and value with 82.4 million valued at $79.7 million. Texas was first in value with $119.9 million and third in volume with 74.8 million pounds.

The Gulf States accounted for 52 percent of the total production with increased landings in all States except Florida. Landings were 210.2 million pounds valued at $275.2 million, up 24 percent in volume and 54 percent in value over 1975. Despite closing of Mexican waters to the shrimp fleet in 1976, high landings of all species of shrimp were recorded at Gulf ports during the year. Low rainfall, high salinities, and no cold spells provided an excellent year for shrimp production. The Pacific Coast States production was 167.9 million pounds valued at $20.1 million, up 20 percent in volume and 45 percent in value over 1975. Landings in the South Atlantic States were 26.1 million pounds, a slight increase of 5 percent over 1975. New England landings declined drastically to 2.5 million pounds in 1976 compared with 11.7 million pounds in 1975. The shrimp in Maine failed to appear in any significant number this year, and the fishermen turned their efforts to the more lucrative groundfish fishery.

Tuna. Landings in the United States were a record 490.6 million pounds valued at a record $151.4 million—increases of 25 percent in volume and 42 percent in value over 1975. Landings of all species of tuna increased except albacore. Yellowfin tuna landings were 284.7 million pounds or 58 percent of the total tuna landings—up 18 percent over 1975. Landings of skipjack tuna (138.7 million pounds) increased 74 percent, and bluefin tuna (22.8 million pounds) increased 7 percent. Landings of bigeye and other tunas in 1976 were 3.2 million pounds—an increase of 2.4 million pounds over 1975. Ninety-eight percent of all tuna landings were in the Pacific Coast States. (See Section 7.—Pacific Coast Fisheries.)

Landings of tuna in Puerto Rico by U.S. fishermen were 174.3 million pounds valued at $50.0 million. Landings were down 2 percent in volume from the record established in 1975, but the value was up $5.4 million.

In 1976, the pack of tuna was 30.3 million standard cases (598.2 million pounds), valued at a record $853.8 million, the highest since the record year of 1974 when 33.4 million standard cases were packed. The pack was 3.5 million standard cases and $201.2 million more than the pack in 1975.

World landings. In 1976, world landings were a record 72.1 million metric tons (159 billion pounds), up 5 percent over 1975. Japan was the leading nation with slightly over 15 percent of the total. The U.S.S.R. was a close second with almost 14 percent; China (mainland) and Peru each accounted for 6 percent; Norway, 5 percent; and the United States, 4 percent.

Other information. Summaries of landings statistics for certain States have been published previously in the Current Fishery Statistics series of bulletins. A preliminary review titled Fisheries of the United States, available each April, contains current information on many aspects of the fisheries such as domestic and world landings, per capita consumption, price indexes, foreign trade, and supplies, together with comparative data for the previous year. Fisheries of the United States is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

LANDINGS OF FISH AND SHELLFISH, 1945-76

YEAR	LANDINGS FOR HUMAN FOOD	LANDINGS FOR INDUSTRIAL PRODUCTS 1/	TOTAL		AVERAGE PRICE PER POUND
	MILLION POUNDS			MILLION DOLLARS	CENTS
1945	3,167	1,431	4,598	270	5.87
1946	3,049	1,418	4,467	313	7.01
1947	3,020	1,329	4,349	312	7.16
1948	3,146	1,367	4,513	371	8.22
1949	3,305	1,499	4,804	343	7.13
1950	3,307	1,594	4,901	347	7.09
1951	3,048	1,385	4,433	365	8.23
1952	2,778	1,654	4,432	364	8.20
1953	2,519	1,968	4,487	356	7.94
1954	2,705	2,057	4,762	359	7.55
1955	2,579	2,230	4,809	339	7.05
1956	2,690	2,578	5,268	372	7.06
1957	2,475	2,314	4,789	354	7.39
1958	2,651	2,096	4,747	373	7.86
1959	2,369	2,753	5,122	346	6.76
1960	2,498	2,444	4,942	354	7.15
1961	2,490	2,697	5,187	362	6.98
1962	2,540	2,814	5,354	396	7.40
1963	2,556	2,291	4,847	377	7.78
1964	2,497	2,044	4,541	389	8.57
1965	2,587	2,190	4,777	446	9.34
1966	2,572	1,794	4,366	472	10.81
1967	2,368	1,687	4,055	440	10.85
1968	2,346	1,814	4,160	497	11.95
1969	2,321	2,016	4,337	527	12.15
1970	2,537	2,380	4,917	613	12.47
1971	2,441	2,577	5,018	651	12.97
1972	2,435	2,371	4,806	748	15.56
1973	2,398	2,460	4,858	937	19.28
1974	2,496	2,471	4,967	932	18.76
1975	2,465	2,412	4,877	977	20.02
1976	2,775	2,613	5,388	1,349	25.03

1/ MANUFACTURED INTO MEAL, OIL, FISH SOLUBLES, HOMOGENIZED CONDENSED FISH, SHELL PRODUCTS, AND USED AS BAIT AND ANIMAL FOOD.

NOTE:--DOES NOT INCLUDE DATA ON THE HAWAII LANDINGS PRIOR TO 1948.

GENERAL REVIEW

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1976

REGION	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
NEW ENGLAND	471	81	76	93	547	174
MIDDLE ATLANTIC	206	17	63	52	269	69
CHESAPEAKE	491	21	96	54	587	74
SOUTH ATLANTIC	260	28	59	46	318	74
GULF	1,464	77	279	309	1,743	386
PACIFIC	1,337	396	435	141	1,771	538
GREAT LAKES	67	11	-	-	67	11
MISSISSIPPI RIVER AND TRIBUTARIES	62	12	9	2	71	14
HAWAII	15	9	(1)	(1)	15	9
TOTAL	4,371	652	1,017	697	5,388	1,349

1/ LESS THAN 500,000 POUNDS OR $500,000. NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING.

SUMMARY OF OPERATING UNITS, 1976

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER				
FISHERMEN:					
ON VESSELS	3,576	2,071	4,393	3,702	15,147
ON BOATS AND SHORE	26,898	15,615	20,597	6,878	12,921
TOTAL	30,474	17,686	24,990	10,580	28,068
VESSELS:					
MOTOR	855	580	1,913	1,421	5,193
GROSS TONNAGE	53,145	33,080	42,041	61,538	295,779
SAIL	-	-	26	-	-
GROSS TONNAGE	-	-	271	-	-
TOTAL VESSELS	855	580	1,939	1,421	5,193
TOTAL GROSS TONNAGE	53,145	33,080	42,312	61,538	295,779
BOATS:					
MOTOR	15,285	12,399	15,245	5,752	9,982
OTHER	307	57	163	264	54
GEAR:					
HAUL SEINES:					
COMMON	20	34	228	114	83
LONG	-	-	-	58	-
DANISH	4	-	-	-	-
STOP SEINES	57	-	-	-	-
PURSE SEINES:					
HERRING	25	-	-	-	-
MENHADEN	12	7	28	18	78
TUNA	2	3	4	-	-
OTHER	-	1	-	3	10
BAG NETS	10	-	-	97	-
BUTTERFLY NETS	-	-	-	-	1,039
OTTER TRAWLS:					
CRAB	-	-	-	347	-
FISH	705	281	91	435	52
LOBSTER	17	21	-	-	-
SCALLOP	-	81	33	70	100
SHRIMP	211	-	-	3,684	13,028
OTHER	-	-	-	10	-
MIDWATER TRAWLS	20	10	-	-	-
WEIRS	31	2	-	-	-
POUND NETS:					
FISH	14	137	524	878	-
CRAB	-	3	2,116	-	-
FLOATING TRAPS	30	-	-	-	-
FYKE AND HOOP NETS:					
FISH	5	209	1,697	2,995	23,475
TURTLE	-	68	2	-	-
POTS AND TRAPS:					
CONCH	2,840	1,675	-	-	-
CRAB:					
BLUE	-	29,899	265,357	108,975	219,919
OTHER	1,816	400	125	4,750	224,351
CRAWFISH	-	-	-	-	37,680

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1976 - Continued

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER				
GEAR - CONTINUED:					
POTS AND TRAPS - CONTD.					
EEL	8,934	5,465	13,365	5,600	10
FISH	295	14,500	7,611	12,638	2,745
LOBSTER	2,107,660	93,690	4,750	31,500	314,500
TURTLE	-	120	355	-	-
GILL NETS:					
ANCHOR, SET, OR STAKE	146	231	3,847	2,022	260
DRIFT:					
SHAD	67	41	-	164	-
OTHER	107	44	2,532	83	3
RUNAROUND	-	67	-	385	1,130
TRAMMEL NETS	-	-	-	70	747
LINES:					
HAND	3,661	3,393	196	1,775	3,670
TROLL	1,112	6	-	696	837
LONG OR SET WITH HOOKS	294	170	322	1,312	1,497
TROT WITH BAITS	-	-	11,367	76	95
DIP NETS:					
COMMON	128	267	143	-	13
DROP	-	-	-	30	-
CAST NETS	-	-	-	55	13
HARPOONS:					
SWORDFISH	28	-	-	-	-
OTHER	133	-	-	-	-
SPEARS	44	46	-	122	83
SCRAPES	-	-	343	-	-
DREDGES:					
CLAM	44	102	236	25	-
CONCH	-	14	-	-	-
CRAB	2	159	231	-	-
MUSSEL, SEA	5	9	-	-	-
OYSTER, COMMON	9	78	258	118	1,203
SCALLOP:					
BAY	2,525	820	-	165	71
SEA	355	35	16	-	-
OTHER	2	-	13	-	-
TONGS AND GRABS:					
OYSTER	-	60	6,600	131	1,277
OTHER	486	3,751	594	-	-
RAKES:					
OYSTER	275	-	3	337	-
OTHER	2,868	7,531	28	145	-
HOES	6,620	26	-	-	-
PICKS	-	-	106	-	-
BRUSH TRAPS	-	-	-	-	42,500
GRABS, FROG	-	-	-	-	17
HOOKS, SPONGE	-	-	-	7	3
DIVING OUTFITS:					
SPONGE	-	-	-	-	4
OTHER	13	-	-	4	-

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN:					
ON VESSELS	23,702	399	-	401	51,372
ON BOATS AND SHORE	24,661	681	11,713	2,274	122,238
TOTAL	48,363	1,080	11,713	2,675	173,610
VESSELS:					
MOTOR	7,193	194	-	101	16,849
GROSS TONNAGE	284,682	3,836	-	(1)	1/724,632
SAIL	-	-	-	-	26
GROSS TONNAGE	-	-	-	-	271
TOTAL VESSELS	7,193	194	-	101	16,875
TOTAL GROSS TONNAGE	284,682	3,836	-	(1)	1/724,903
BOATS:					
MOTOR	13,421	437	10,842	1,336	84,445
OTHER	417	45	194	-	1,501
GEAR:					
HAUL SEINES:					
COMMON	76	53	267	(1)	875
LONG	-	-	-	-	58
DANISH	-	-	-	-	4
STOP SEINES	-	-	-	-	57

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1976 - Continued

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
GEAR - CONTINUED:					
PURSE SEINES:					
ANCHOVY	12	-	-	-	10
HERRING	34	-	-	-	59
MACKEREL	47	-	-	-	47
MENHADEN	-	-	-	-	133
SALMON	1,279	-	-	-	1,279
TUNA	177	-	-	-	183
OTHER	225	-	-	-	239
LAMPARA NETS:					
MACKEREL	17	-	-	-	17
SQUID	29	-	-	-	29
TUNA	6	-	-	-	6
OTHER	45	-	-	-	45
BAG NETS	-	-	-	(1)	107
BUTTERFLY NETS	-	-	-	-	1,039
BEAM TRAWLS, SHRIMP	28	-	-	-	28
OTTER TRAWLS:					
CRAB	-	-	-	-	347
FISH	969	14	1	-	2,415
LOBSTER	-	-	-	-	38
SCALLOP	-	-	-	-	243
SHRIMP	370	-	-	-	16,772
OTHER	1	-	-	-	11
MIDWATER TRAWLS	-	-	-	-	30
WEIRS	-	-	4	-	37
POUND NETS:					
FISH	12	191	23	-	1,779
CRAB	-	-	-	-	2,119
TRAP NETS	-	791	6	-	797
FLOATING TRAPS	4	-	-	-	34
FYKE AND HOOP NETS:					
FISH	-	373	56,907	-	85,661
TURTLE	-	-	120	-	190
POTS AND TRAPS:					
CONCH	-	-	-	-	4,515
CRAB:					
BLUE	-	-	-	-	624,050
DUNGENESS	168,720	-	-	-	168,720
KING	58,450	-	-	-	58,450
OTHER	47,510	-	-	(1)	278,952
CRAWFISH	5,350	-	63,152	-	106,182
EEL	-	-	-	(1)	33,374
FISH	8,310	-	4,824	(1)	50,923
LOBSTER	10,400	-	-	(1)	2,561,050
OCTOPUS	130	-	-	(1)	130
SHRIMP	4,372	-	215	(1)	4,587
TURTLE	-	-	185	-	660
WIRE BASKETS	-	-	7,943	-	7,943
SLAT TRAPS	-	-	890	-	890
GILL NETS:					
ANCHOR, SET, OR STAKE	4,584	609	8,328	(1)	20,027
DRIFT:					
BARRACUDA	100	-	-	-	100
SALMON	6,223	-	-	-	6,223
SEA BASS	104	-	-	-	104
SHAD	63	-	-	-	335
OTHER	872	-	-	-	3,641
RUNAROUND	-	-	-	-	1,578
TRAMMEL NETS	33	-	6,323	-	7,173
LINES:					
HAND	20,541	-	68	(1)	20,541
TROLL	79,840	-	-	(1)	82,491
LONG OR SET WITH HOOKS	16,030	31	19,703	(1)	39,334
TROT WITH BAITS	-	-	-	-	11,538
SNAG	-	-	1,794	-	1,794
DIP NETS:					
COMMON	167	4	214	-	936
DROP	-	-	-	-	30
BRAIL OR SCOOP	153	-	-	-	153
LIFT NETS	-	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1976 - Continued

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
GEAR - CONTINUED:					
REEF NETS	34	-	-	-	34
WHEELS.	161	-	-	-	161
CAST NETS	-	-	-	(1)	68
HARPOONS:					
SWORDFISH	70	-	-	-	98
OTHER	4	-	-	-	137
SPEARS.	-	-	-	(1)	295
SCRAPES	-	-	-	-	343
WATER PUMP.	38	-	-	-	38
DREDGES:					
CLAM.	5	-	-	-	398
CONCH	-	-	-	-	14
CRAB.	-	-	-	-	390
MUSSEL.	-	-	-	-	14
OYSTER, COMMON.	51	-	-	-	1,715
SCALLOP:					
BAY	-	-	-	-	3,581
SEA	2	-	-	-	394
OTHER	-	-	-	-	15
TONGS AND GRABS:					
OYSTER.	-	-	-	-	8,054
OTHER	-	-	-	-	4,831
RAKES:					
OYSTER.	-	-	-	-	615
OTHER	-	-	-	-	10,572
HOES.	-	-	-	-	6,646
SHOVELS	599	-	-	-	599
PICKS	-	-	-	-	106
BRUSH TRAPS	-	-	-	-	42,500
CROWFOOT BARS	-	-	51	-	51
GRABS, FROG	-	-	124	-	141
HOOKS, SPONGE	-	-	-	-	10
DIVING OUTFITS:					
ABALONE	259	-	-	-	259
SPONGE.	-	-	-	-	4
OTHER	121	-	66	-	204

1/ DATA ON GROSS TONNAGE AND THE NUMBER OF GEAR OPERATED IN HAWAII ARE NOT AVAILABLE.

SUMMARY OF U.S. FISHING VESSELS, BY TONNAGE GROUPS, 1976

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER							
5 - 9	28	36	1,229	184	328	1,293	28	3,119
10 - 19	158	141	467	238	1,241	3,027	87	533
20 - 29	118	61	51	167	648	937	49	2,012
30 - 39	100	51	24	195	384	568	18	1,295
40 - 49	75	60	16	166	300	411	12	979
50 - 59	51	27	15	110	234	226	-	610
60 - 69	42	30	15	127	346	130	-	612
70 - 79	41	33	13	62	208	77	-	379
80 - 89	24	17	14	42	219	48	-	316
90 - 99	37	36	15	82	532	63	-	680
100 - 109	19	9	7	14	214	29	-	266
110 - 119	34	16	9	4	160	36	-	240
120 - 129	29	16	8	7	114	19	-	168
130 - 139	27	10	5	5	111	30	-	167
140 - 149	8	8	3	4	26	12	-	54
150 - 159	14	7	3	1	19	31	-	70
160 - 169	9	5	4	1	21	27	-	60
170 - 179	7	2	-	-	5	8	-	21
180 - 189	4	1	2	-	5	22	-	32
190 - 199	20	7	10	1	4	79	-	115
200 - 209	-	-	-	1	-	-	-	1
220 - 229	-	-	-	-	3	2	-	5
230 - 239	-	1	-	1	1	-	-	2
240 - 249	-	-	2	1	3	-	-	6
250 - 259	-	-	5	1	1	2	-	9
260 - 269	-	-	4	2	1	-	-	6
270 - 279	-	2	-	-	2	-	-	4
280 - 289	-	-	-	-	1	1	-	2
290 - 299	2	-	1	2	8	4	-	15
310 - 319	5	-	-	-	3	3	-	11
320 - 329	2	-	-	-	1	2	-	5
330 - 339	-	-	-	-	1	2	-	3
340 - 349	-	-	-	-	-	1	-	1
350 - 359	-	-	-	-	-	2	-	2
360 - 369	-	-	-	-	2	2	-	4
370 - 379	-	-	-	-	3	1	-	4
380 - 389	-	-	1	-	2	1	-	4
400 - 409	-	-	-	-	-	1	-	1
410 - 419	-	-	-	-	1	1	-	2
420 - 429	-	-	-	-	-	1	-	1
430 - 439	-	-	-	-	1	8	-	9
440 - 449	-	-	-	-	-	1	-	1
450 - 459	1	-	-	-	1	1	-	3
460 - 469	-	-	-	-	1	1	-	2
470 - 479	-	-	-	-	3	-	-	3
480 - 489	-	-	-	-	2	-	-	2
490 - 499	-	-	-	-	3	2	-	5
500 - 509	-	-	-	-	1	1	-	2
510 - 519	-	-	-	-	3	1	-	4
520 - 529	-	-	1	-	5	-	-	5
530 - 539	-	-	6	-	16	1	-	21
540 - 549	-	-	3	-	-	-	-	3
550 - 559	-	-	4	-	1	-	-	5
560 - 569	-	1	-	-	1	-	-	1
570 - 579	-	1	-	-	-	-	-	1
600 - 609	-	-	-	-	1	-	-	1
610 - 619	-	1	-	-	-	-	-	1
630 - 639	-	-	1	1	-	-	-	1
640 - 649	-	1	-	-	2	-	-	3
650 - 659	-	-	1	1	-	-	-	1
670 - 679	-	-	-	1	-	2	-	3
710 - 719	-	-	-	-	-	1	-	1
720 - 729	-	-	-	-	-	3	-	3
730 - 739	-	-	-	-	-	1	-	1
750 - 759	-	-	-	-	-	2	-	2
760 - 769	-	-	-	-	-	1	-	1
770 - 779	-	-	-	-	-	1	-	1
780 - 789	-	-	-	-	-	1	-	1
790 - 799	-	-	-	-	-	1	-	1

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF U.S. FISHING VESSELS, BY TONNAGE GROUPS, 1976 - Continued

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER							
800 - 809 . . .	-	-	-	-	-	1	-	1
830 - 839 . . .	-	-	-	-	-	1	-	1
860 - 869 . . .	-	-	-	-	-	9	-	9
870 - 879 . . .	-	-	-	-	-	1	-	1
880 - 889 . . .	-	-	-	-	-	1	-	1
890 - 899 . . .	-	-	-	-	-	1	-	1
900 - 909 . . .	-	-	-	-	-	3	-	3
910 - 919 . . .	-	-	-	-	-	5	-	5
920 - 929 . . .	-	-	-	-	-	1	-	1
930 - 939 . . .	-	-	-	-	-	1	-	1
950 - 959 . . .	-	-	-	-	-	2	-	2
970 - 979 . . .	-	-	-	-	-	6	-	6
980 - 989 . . .	-	-	-	-	-	5	-	5
990 - 999 . . .	-	-	-	-	-	4	-	4
1060 - 1069 . . .	-	-	-	-	-	2	-	2
1070 - 1079 . . .	-	-	-	-	-	4	-	4
1090 - 1099 . . .	-	-	-	-	-	1	-	1
1110 - 1119 . . .	-	-	-	-	-	1	-	1
1120 - 1129 . . .	-	-	-	-	-	1	-	1
1150 - 1159 . . .	-	-	-	-	-	1	-	1
1160 - 1169 . . .	-	-	-	-	-	1	-	1
1180 - 1189 . . .	-	-	-	-	-	5	-	5
1190 - 1199 . . .	-	-	-	-	-	1	-	1
1240 - 1249 . . .	-	-	-	-	-	2	-	2
1270 - 1279 . . .	-	-	-	-	-	1	-	1
1300 - 1309 . . .	-	-	-	-	-	1	-	1
1350 - 1359 . . .	-	-	-	-	-	1	-	1
1490 - 1499 . . .	-	-	-	-	-	2	-	2
TOTAL VESSELS.	855	580	1,939	1,421	5,193	7,193	194	2/ 16,875
TOTAL GROSS TONNAGE . . .	53,145	33,080	42,312	61,538	295,779	284,682	3,836	2/ 724,903

1/ INCLUDES SAILING VESSELS.
2/ TOTAL INCLUDES 101 VESSELS OPERATING IN HAWAII. DATA ON TONNAGE FOR VESSELS IN HAWAII ARE NOT AVAILABLE.

LENGTH DISTRIBUTION OF U.S. FISHING VESSELS, 1976

LENGTH IN FEET	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER							
20 - 29	14	14	16	79	128	1,370	7	1,626
30 - 39	164	121	1,351	335	1,162	3,068	123	6,301
40 - 49	147	101	350	356	1,100	1,656	52	3,704
50 - 59	163	92	69	302	818	423	10	1,751
60 - 69	144	123	58	288	1,486	246	1	2,098
70 - 79	126	79	35	41	401	159	1	745
80 - 89	50	25	8	4	11	77	-	158
90 - 99	14	4	8	2	2	43	-	68
100 - 109	15	11	8	2	4	17	-	45
110 - 119	8	2	-	-	3	19	-	32
120 - 129	4	4	14	6	6	11	-	41
130 - 139	6	-	5	2	12	10	-	33
140 - 149	-	-	-	-	10	3	-	13
150 - 159	-	-	1	1	10	22	-	33
160 - 169	-	1	14	-	39	15	-	65
170 - 179	-	-	2	3	-	8	-	11
180 - 189	-	-	-	-	-	8	-	8
190 - 199	-	2	-	-	1	24	-	27
200 - 209	-	1	-	-	-	9	-	10
210 - 219	-	-	-	-	-	2	-	2
220 - 229	-	-	-	-	-	2	-	2
380 - 389	-	-	-	-	-	1	-	1
TOTAL VESSELS.	855	580	1,939	1,421	5,193	7,193	194	2/16,875

1/ INCLUDES SAILING VESSELS.
2/ TOTAL INCLUDES 101 VESSELS OPERATING IN HAWAII. DATA ON LENGTH FOR VESSELS IN HAWAII ARE NOT AVAILABLE.

U.S. FISHING VESSELS BY YEAR BUILT AND REGION, 1976 1/

YEAR BUILT	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE 2/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER							
1849	-	1	-	-	-	-	-	1
1852	-	1	-	1	-	3	-	5
1865	-	-	-	1	-	-	-	1
1866	-	1	-	-	-	-	-	1
1872	-	1	1	-	-	-	-	2
1873	-	1	-	-	-	-	-	1
1876	-	1	-	-	-	-	-	1
1883	-	1	-	-	-	-	-	1
1886	-	-	1	-	-	-	-	1
1887	1	1	-	-	-	-	-	2
1888	-	1	-	-	1	-	-	2
1889	-	-	-	1	-	-	-	1
1891	1	-	1	-	-	1	-	3
1892	-	1	1	-	-	-	-	2
1893	-	1	-	-	-	1	-	2
1894	-	-	-	-	-	1	-	1
1898	-	-	1	-	1	-	-	2
1899	-	2	-	-	-	-	-	2
1900	-	-	1	-	2	1	-	4
1901	-	5	4	1	3	1	-	14
1902	-	2	1	-	-	-	-	3
1903	2	2	-	-	2	3	-	9
1904	-	-	5	1	2	1	-	8
1905	-	1	3	-	5	1	-	10
1906	-	3	2	-	4	4	1	14
1907	-	1	1	-	1	9	-	12
1908	-	-	1	-	-	4	-	5
1909	1	3	3	-	2	7	-	15
1910	-	3	1	-	-	9	-	13
1911	-	2	3	2	-	14	-	21
1912	-	1	2	-	2	24	1	30
1913	-	2	4	1	-	28	-	35
1914	1	-	4	-	2	28	-	35
1915	-	-	1	-	3	35	-	39
1916	-	1	1	1	1	21	-	24
1917	-	1	2	2	3	67	-	75
1918	3	2	4	1	4	51	-	61
1919	-	2	3	-	2	43	-	48
1920	2	2	4	-	3	72	-	83
1921	1	-	1	2	2	22	-	28
1922	-	2	4	2	2	12	1	23
1923	2	5	6	1	5	23	-	41
1924	8	7	9	3	13	39	-	78
1925	5	1	9	7	8	66	-	94
1926	7	2	9	2	10	74	4	108
1927	4	7	7	7	10	100	-	134
1928	3	5	12	2	14	111	-	145
1929	4	6	8	4	16	85	4	127
1930	9	6	11	10	10	54	4	103
1931	4	2	8	3	15	36	-	66
1932	3	2	8	4	5	21	2	45
1933	5	2	6	5	8	21	1	48
1934	2	1	15	4	7	26	4	58
1935	1	3	14	8	23	58	3	110
1936	7	5	15	7	34	40	10	116
1937	12	8	18	7	45	57	7	150
1938	6	2	16	9	37	70	5	144
1939	8	3	26	8	24	103	3	175

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

U.S. FISHING VESSELS BY YEAR BUILT AND REGION, 1976 - Continued [1]

YEAR BUILT	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE [2]	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER							
1940	9	5	22	8	31	95	4	174
1941	22	8	14	6	21	104	2	174
1942	8	13	16	10	28	143	2	215
1943	19	13	21	10	38	152	2	251
1944	38	14	45	18	71	229	7	412
1945	42	27	38	25	64	214	16	412
1946	41	29	52	42	92	214	25	486
1947	25	20	43	41	97	208	19	448
1948	18	12	56	30	140	145	16	411
1949	17	3	43	38	58	142	7	306
1950	11	5	33	13	61	99	10	231
1951	13	8	27	26	56	118	5	244
1952	22	9	42	19	78	125	4	289
1953	13	12	40	22	117	108	3	311
1954	8	9	46	29	117	56	1	263
1955	11	5	48	37	72	96	2	265
1956	14	9	82	35	79	68	1	282
1957	10	13	72	57	107	73	1	305
1958	10	2	49	65	147	85	7	342
1959	14	6	56	36	75	73	5	261
1960	5	5	43	23	56	74	2	207
1961	9	10	38	23	65	82	-	222
1962	12	6	33	22	70	82	-	218
1963	16	5	45	32	120	111	1	314
1964	18	11	33	29	142	113	-	324
1965	17	8	46	26	203	106	-	388
1966	31	16	62	51	241	173	-	532
1967	34	17	69	62	291	173	-	592
1968	29	19	50	54	291	155	-	557
1969	20	17	53	46	221	186	-	521
1970	22	20	47	63	188	212	-	522
1971	26	17	40	41	229	277	1	606
1972	33	16	40	77	308	295	1	735
1973	31	26	64	88	376	358	-	890
1974	27	19	65	53	249	453	-	833
1975	34	13	61	28	108	203	-	438
1976	22	13	39	21	141	105	-	332
UNKNOWN.	2	5	9	8	14	41	-	79
TOTAL.	855	580	1,939	1,421	5,193	7,193	194	[3]16,875

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[1] U.S. FISHING VESSELS BY YEAR THE VESSELS WERE BUILT AND IN THE REGION THE VESSELS WERE OPERATED IN 1976.

[2] INCLUDES SAILING VESSELS.

[3] INCLUDES 101 VESSELS OPERATING IN HAWAII. DATA ON YEAR BUILT FOR VESSELS IN HAWAII ARE NOT AVAILABLE.

U.S. FISHING VESSELS BY GEAR AND CONSTRUCTION, 1976

GEAR	WOOD	STEEL	ALUMINUM	FIBERGLASS	OTHER	TOTAL
	NUMBER					
HAUL SEINES:						
COMMON	59	14	-	19	-	92
LONG	9	-	-	-	-	9
DANISH	2	1	-	-	-	3
STOP SEINES	5	-	-	2	-	7
PURSE SEINES:						
ANCHOVY	4	1	-	1	-	6
HERRING	39	9	-	2	-	50
MACKEREL	32	8	-	1	-	41
MENHADEN	26	107	-	-	-	133
SALMON	778	106	2	184	4	1,074
TUNA	56	89	-	6	-	151
OTHER	104	65	-	6	1	176
LAMPARA NETS:						
MACKEREL	13	4	-	-	-	17
SQUID	22	3	-	-	-	25
TUNA	4	1	-	-	-	5
OTHER	31	5	-	-	-	36
BUTTERFLY NETS	36	1	-	1	-	38
BEAM TRAWLS, SHRIMP	17	4	-	6	-	27
OTTER TRAWLS:						
CRAB	135	1	-	2	-	138
FISH	1,173	356	2	54	5	1,590
LOBSTER	20	18	-	-	-	38
SCALLOP	113	48	-	5	-	166
SHRIMP	4,051	1,202	7	107	10	5,377
MIDWATER TRAWLS	15	15	-	-	-	30
POUND NETS:						
FISH	95	11	-	6	-	112
CRAB	3	-	-	-	-	3
TRAP NETS	9	34	-	-	-	43
FLOATING TRAPS	7	7	-	-	-	14
FYKE AND HOOP NETS, FISH	28	4	-	2	-	34
POTS AND TRAPS:						
CONCH	1	-	-	-	-	1
CRAB:						
BLUE	629	2	-	7	-	638
DUNGENESS	504	131	4	87	5	731
KING	150	197	2	42	1	392
OTHER	162	163	1	63	2	391
EEL	19	-	-	-	-	19
FISH	165	19	2	9	2	197
LOBSTER:						
INSHORE	99	4	-	28	-	131
OFFSHORE	59	37	3	9	-	108
SPINY LOBSTER	186	6	-	119	2	313
SHRIMP	11	1	-	4	1	17
GILL NETS:						
ANCHOR, SET, OR STAKE:						
SALMON	37	4	-	32	1	74
OTHER	339	17	1	36	-	393
DRIFT:						
BARRACUDA	12	1	-	3	-	16
SALMON	803	45	16	617	6	1,487
SEA BASS	12	3	-	5	-	20
SHAD	17	3	-	1	-	21
OTHER	335	9	1	19	1	365
RUNAROUND	103	2	1	50	1	157
GREAT LAKES:						
1-1/4 - 2 INCH MESH	2	3	-	-	-	5
2-1/8 - 3-7/8 IN. MESH	31	92	-	-	-	123
4 - 7 INCH MESH	30	56	-	-	-	86
7-1/8 - 14 INCH MESH	-	1	-	-	-	1
TRAMMEL NETS	26	-	-	2	-	28
LINES:						
HAND:						
ALBACORE	76	76	1	11	1	165
ROCKFISH	5	-	-	4	-	9
YELLOWFIN	14	54	1	-	-	69
OTHER	1,240	208	9	233	18	1,708
TROLL:						
SALMON	2,532	275	11	385	51	3,254
TUNA	1,057	292	4	95	30	1,478
OTHER	1,283	142	7	160	35	1,627
LONG OR SET WITH HOOKS	290	77	5	68	4	444
TROT WITH BAITS	357	-	-	4	-	361

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

U.S. FISHING VESSELS BY GEAR AND CONSTRUCTION, 1976 - Continued

GEAR	WOOD	STEEL	ALUMINUM	FIBERGLASS	OTHER	TOTAL
	NUMBER					
DIP NETS, COMMON	11	1	-	7	-	19
BRAIL OR SCOOP NETS	26	14	-	3	-	43
REEF NETS	2	-	-	-	-	2
HARPOONS:						
SWORDFISH	52	14	-	14	1	81
OTHER	2	1	-	-	-	3
SCRAPES	10	-	-	-	-	10
DREDGES:						
CLAM	225	55	-	2	-	282
CRAB	163	2	-	5	-	170
MUSSEL	4	-	-	-	-	4
OYSTER, COMMON	594	41	5	1	-	641
SCALLOP, SEA	76	20	-	-	-	96
OTHER	1	-	-	-	-	1
TONGS AND GRABS:						
OYSTER	1,071	1	-	6	-	1,078
OTHER	70	-	-	-	-	70
SHOVELS	1	-	-	-	-	1
DIVING OUTFITS:						
ABALONE	22	2	-	8	-	32
SPONGE	4	-	-	-	-	4
OTHER	30	3	2	15	1	51
TOTAL	19,836	4,188	87	2,558	183	1/26,953
TOTAL, EXCLUSIVE OF DUPLICATION	12,390	2,613	57	1,622	92	1/16,875

1/ TOTAL INCLUDES 101 VESSELS OPERATING IN HAWAII. DATA ON TYPE OF CONSTRUCTION IN HAWAII ARE NOT AVAILABLE.

U.S. LANDINGS BY WATERS, FISHERMEN, CRAFT, PLANTS, AND EMPLOYMENT, BY STATES, 1976

STATE	MARINE WATERS AND COASTAL RIVERS		LAKES 1/		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL		FISHERMEN	FISHING CRAFT		PROCESSING AND WHOLESALING		
										VESSELS	BOATS	PLANTS	EMPLOYMENT AVERAGE	
													SEASON	YEAR
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	NUMBER					
ALABAMA	31,849	33,631	-	-	1,581	456	33,430	34,087	2,083	521	670	2/ 107	2/2,263	2/1,607
ALASKA	616,972	239,477	-	-	-	-	616,972	239,477	18,193	2,520	5,153	225	9,500	3/6,200
ARKANSAS	-	-	-	-	6,422	1,999	6,422	1,999	3,453	-	3,393	(2)	(2)	(2)
CALIFORNIA	917,021	186,602	-	-	-	-	917,021	186,602	18,582	2,502	3,648	160	10,478	8,836
CONNECTICUT	4,720	2,254	-	-	-	-	4,720	2,254	1,233	20	848	9	76	64
DELAWARE	7,169	1,950	-	-	-	-	7,169	1,950	533	35	244	12	513	396
FLORIDA	167,010	89,495	-	-	-	-	167,010	89,495	11,808	2,053	4,281	394	6,081	5,148
GEORGIA	14,528	12,375	-	-	-	-	14,528	12,375	1,759	472	578	58	2,410	1,911
HAWAII	14,761	8,879	-	-	-	-	14,761	8,879	2,675	101	1,336	4/ 38	4/1,948	4/1,666
IDAHO	-	-	-	-	433	31	433	31	3	-	3	5/ 17	5/ 435	5/ 380
ILLINOIS	-	-	264	219	3,419	617	3,683	836	244	3	250	52	907	848
INDIANA	-	-	200	118	37	13	237	131	50	4	35	10	93	89
IOWA	-	-	-	-	4,562	863	4,562	863	584	-	552	15	129	114
KANSAS	-	-	-	-	28	8	28	8	13	-	13	6/ 36	6/ 274	6/ 255
KENTUCKY	-	-	-	-	2,833	839	2,833	839	635	-	587	(6)	(6)	(6)
LOUISIANA	1,218,579	135,188	-	-	13,749	3,210	1,232,328	138,398	13,650	1,837	6,470	240	4,824	3,509
MAINE	177,841	53,822	-	-	-	-	177,841	53,822	15,865	217	7,686	239	4,495	3,114
MARYLAND	58,094	30,808	-	-	-	-	58,094	30,808	17,886	1,062	11,507	7/ 180	7/4,246	7/3,289
MASSACHUSETTS	289,047	95,811	-	-	-	-	289,047	95,811	10,270	544	4,787	210	5,389	4,505
MICHIGAN	-	-	13,930	4,006	-	-	13,930	4,006	256	70	75	44	420	364
MINNESOTA	-	-	4,024	498	5,962	1,044	9,986	1,542	713	5	513	17	294	184
MISSISSIPPI	288,160	21,008	-	-	3,676	879	291,836	21,887	3,494	491	1,880	66	1,855	1,358
MISSOURI	-	-	-	-	1,024	221	1,024	221	1,008	-	997	(8)	(8)	(8)
MONTANA	-	-	-	-	674	76	674	76	65	-	11	-	-	-
NEBRASKA	-	-	-	-	105	18	105	18	172	-	160	5	18	18
NEW HAMPSHIRE	3,401	1,297	-	-	-	-	3,401	1,297	501	-	331	13	583	501
NEW JERSEY	226,989	34,550	-	-	-	-	226,989	34,550	3,422	386	1,622	106	2,245	1,889
NEW YORK	34,627	32,329	513	253	-	-	35,140	32,582	13,902	188	10,634	9/ 261	9/2,960	9/2,630
NORTH CAROLINA	226,069	27,465	-	-	-	-	226,069	27,465	4,666	563	3,094	251	2,443	1,741
NORTH DAKOTA	-	-	-	-	841	93	841	93	8	-	4	10/ 14	10/ 117	10/ 101
OHIO	-	-	7,783	2,239	-	-	7,783	2,239	180	30	101	27	542	457
OKLAHOMA	-	-	-	-	2,152	504	2,152	504	150	-	56	(6)	(6)	(6)
OREGON	94,585	39,626	-	-	-	-	94,585	39,626	6,000	1,438	1,820	72	2,647	1,786
PENNSYLVANIA	-	-	334	251	-	-	334	251	45	10	17	9/ 36	9/1,189	9/1,118
RHODE ISLAND	72,472	20,955	-	-	-	-	72,472	20,955	3,177	211	1,951	32	353	298
SOUTH CAROLINA	21,479	14,070	-	-	-	-	21,479	14,070	1,666	414	674	97	1,123	807
SOUTH DAKOTA	-	-	-	-	3,032	324	3,032	324	41	-	4	(10)	(10)	(10)
TENNESSEE	-	-	-	-	5,384	1,249	5,384	1,249	964	-	964	(8)	(8)	(8)
TEXAS	93,427	127,156	-	-	3,981	923	97,408	128,079	6,949	1,923	1,385	8/ 243	8/3,956	8/2,992
VIRGINIA	528,896	43,355	-	-	-	-	528,896	43,355	7,141	890	3,915	193	5,938	4,447
WASHINGTON	142,855	72,138	-	-	-	-	142,855	72,138	8,915	2,166	3,358	130	3,872	2,612
WEST VIRGINIA	-	-	-	-	44	11	44	11	29	-	29	-	-	-
WISCONSIN	-	-	39,470	3,165	10,719	1,003	50,189	4,168	1,034	75	755	46	520	484
TOTAL	5,250,551	1,324,241	66,518	10,749	70,658	14,381	5,387,727	1,349,371	11/173,610	11/16,875	11/85,946	3,655	85,136	65,718

1/ INCLUDES THE LANDINGS OF THE GREAT LAKES, THE INTERNATIONAL LAKES OF MINNESOTA, AND THE INLAND LAKES OF FLORIDA.
2/ ARKANSAS IN THE MISSISSIPPI RIVER IS INCLUDED WITH ALABAMA.
3/ DATA ESTIMATED FOR AVERAGE FOR YEAR.
4/ INCLUDES AMERICAN SAMOA.
5/ COLORADO IS INCLUDED WITH IDAHO.
6/ KENTUCKY AND OKLAHOMA ARE INCLUDED WITH KANSAS.
7/ DISTRICT OF COLUMBIA INCLUDED WITH MARYLAND.
8/ MISSOURI AND TENNESSEE ARE INCLUDED WITH TEXAS.
9/ PENNSYLVANIA IN THE GREAT LAKES IS INCLUDED WITH NEW YORK.
10/ SOUTH DAKOTA IS INCLUDED WITH NORTH DAKOTA.
11/ EXCLUSIVE OF DUPLICATION.

LANDINGS BY REGION, 1976

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	3,541	119	12	1	4,364	163
ANGLERFISH	1,820	586	82	16	(1)	(1)
BLUEFISH	715	125	1,892	249	4,680	324
BONITO	40	20	5	1	-	-
BUTTERFISH	1,593	472	1,296	357	146	36
CABIO	-	-	-	-	3	(1)
CARP	1	(1)	108	14	269	11
CATFISH AND BULLHEADS	7	2	15	2	1,455	283
COD	55,245	14,385	776	238	8	3
CRAPPIE	-	-	9	1	2	(1)
CROAKER, ATLANTIC	(1)	(1)	704	60	6,967	906
CUNNER	-	-	(1)	(1)	-	-
CUSK	2,797	489	1	(1)	-	-
DRUM:						
BLACK	-	-	25	3	31	2
RED	-	-	-	-	19	2
EELS:						
COMMON	557	271	407	151	732	256
CONGER	35	4	17	2	-	-
FLOUNDERS	79,803	31,773	10,370	4,192	4,002	1,394
FRIGATE MACKEREL	(1)	(1)	-	-	-	-
GIZZARD SHAD	-	-	-	-	81	2
GOLDFISH	-	-	1	1	-	-
HADDOCK	12,789	5,564	7	3	-	-
HAKE:						
RED	2,761	246	2,209	170	4	(1)
WHITE	9,074	1,189	36	7	-	-
HALIBUT	138	173	-	-	-	-
HARVESTFISH	-	-	-	-	14	5
HERRING, SEA	110,366	4,353	145	9	6	(1)
HICKORY SHAD	-	-	-	-	7	2
HOGCHOKER	-	-	-	-	(1)	(1)
KING WHITING OR "KINGFISH"	-	-	1	(1)	10	1
LAUNCE	22	9	39	7	-	-
MACKEREL:						
ATLANTIC	2,379	364	2,101	191	500	61
KING	7	4	1	1	10	4
SPANISH	-	-	2	(1)	80	13
TOTAL MACKEREL	2,386	368	2,104	192	590	78
MENHADEN	59,013	967	151,487	4,347	446,141	13,181
MULLETS	-	-	1	(1)	75	6
OCEAN PERCH, ATLANTIC	32,143	4,397	-	-	-	-
OCEAN POUT	1,017	80	-	-	-	-
POLLOCK	23,803	3,195	6	1	-	-
POMPANO	-	-	-	-	4	2
SALMON, ATLANTIC	(1)	(1)	(1)	(1)	-	-
SAND PERCH	-	-	-	-	(1)	(1)
SCUP OR PORGY	6,615	1,305	9,181	1,987	305	59
SEA BASS, BLACK (ATLANTIC)	428	164	1,886	666	1,118	313
SEA ROBIN	71	3	39	3	-	-
SEA TROUT OR WEAKFISH:						
GRAY	352	78	7,301	923	4,412	670
SPOTTED	-	-	-	-	39	10
SHAD	412	166	322	90	1,006	325
SHARKS:						
GRAYFISH	957	40	210	22	45	3
UNCLASSIFIED	32	5	12	1	76	4
SILVERSIDES	-	-	67	25	-	-
SKATES	259	30	49	8	-	-
SMELT	105	37	8	4	-	-
SPADEFISH	-	-	-	-	(1)	(1)
SPOT	-	-	13	2	1,208	227
STRIPED BASS	1,579	1,063	1,068	675	2,851	1,536
STURGEON, COMMON	4	(1)	15	3	5	2
SUCKERS	-	-	1	(1)	(1)	(1)
SUNFISH	-	-	3	1	2	(1)
SWELLFISH	-	-	7	6	2	(1)
SWORDFISH	3,408	4,604	162	268	25	34
TAUTOG	147	14	117	10	1	(1)
TILEFISH	591	142	1,634	746	-	-
TUNA:						
BLUEFIN	1,719	927	1,207	407	1,127	326
LITTLE	-	-	1	(1)	-	-
YELLOWFIN	-	-	11	5	-	-
UNCLASSIFIED	3	2	-	-	2	1
TOTAL TUNA	1,722	929	1,219	412	1,129	327

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1976 - Continued

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
WHITE PERCH	59	25	167	42	610	156
WHITING	37,205	2,947	10,470	1,034	11	2
WOLFFISH.	1,047	96	(1)	(1)	-	-
YELLOW PERCH.	-	-	1	(1)	24	5
YELLOW PIKE (WALLEYE) . . .	-	-	1	(1)	-	-
UNCLASSIFIED:						
FOR FOOD.	2,714	762	16	4	46	4
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	14,074	236	4	(1)	8,396	194
TOTAL FISH.	471,447	81,433	205,728	16,956	490,921	20,528
SHELLFISH ET AL.						
CRABS:						
BLUE:						
HARD.	-	-	6,313	1,926	45,191	9,683
SOFT AND PEELER	-	-	175	120	2,235	1,626
GREEN	3	1	-	-	-	-
JONAH	620	112	111	33	26	6
RED	1,394	388	28	13	31	15
ROCK.	1,271	120	150	10	-	-
TOTAL CRABS	3,288	621	6,777	2,102	47,483	11,330
HORSESHOE CRABS	18	2	2,000	25	25	1
LOBSTERS, AMERICAN.	29,957	48,765	1,265	2,629	261	517
SHRIMP.	2,254	764	-	-	-	-
CLAMS:						
HARD.	2,626	3,984	10,572	19,863	929	902
OCEAN QUAHOG.	1,502	380	4,099	1,237	1	(1)
RAZOR	2	1	2	1	-	-
SOFT.	8,503	9,333	195	234	1,751	2,750
SURF.	106	64	27,833	11,918	21,199	11,375
TOTAL CLAMS	12,739	13,762	42,701	33,253	23,880	15,027
CONCHS.	294	113	590	94	361	100
MUSSELS, SEA.	1,610	480	85	37	-	-
OYSTERS, MARKET:						
EASTERN:						
PUBLIC.	53	137	21	38	16,929	17,485
PRIVATE	148	313	3,545	6,423	4,035	4,263
TOTAL OYSTERS	201	450	3,566	6,461	20,964	21,748
PERIWINKLES AND COCKLES . .	38	36	-	-	-	-
SCALLOPS:						
BAY	890	1,973	438	816	-	-
SEA	11,970	22,247	3,633	6,029	2,878	4,865
TOTAL SCALLOPS. . . .	12,860	24,220	4,071	6,845	2,878	4,865
SQUID	6,246	1,130	1,983	422	152	24
SEA URCHINS	36	2	-	-	-	-
TERRAPIN.	-	-	1	(1)	5	5
TURTLES:						
SNAPPER	-	-	17	5	60	18
UNCLASSIFIED.	-	-	1	(1)	-	-
IRISH MOSS.	5,200	208	-	-	-	-
BLOODWORMS.	532	1,256	-	-	-	-
SANDWORMS	761	897	-	-	-	-
TOTAL SHELLFISH ET AL. .	76,034	92,706	63,057	51,873	96,069	53,635
GRAND TOTAL.	547,481	174,139	268,785	68,829	586,990	74,163

SPECIES	SOUTH ATLANTIC		GULF		PACIFIC	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES.	6,470	340	125	9	-	-
AMBERJACK	67	7	96	10	-	-
ANCHOVIES	-	-	-	-	263,515	6,630
ANGELFISH	6	1	6	(1)	-	-
ARCTIC CHAR	-	-	-	-	10	2
BALLYHOO.	123	38	140	43	-	-
BARRACUDA	2	(1)	1	(1)	162	67
BLACKFISH	-	-	-	-	61	19
BLUEFISH.	2,737	365	598	64	-	-
BLUE RUNNER	67	6	1,139	131	-	-
BONITO.	21	3	123	7	8,897	1,223
BOWFIN.	-	-	10	(1)	-	-
BUFFALOFISH	-	-	1,116	155	-	-

SEE FOOTNOTES AT END OF TABLE.

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LANDINGS BY REGION, 1976 - Continued

SPECIES	SOUTH ATLANTIC		GULF		PACIFIC	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BUTTERFISH	54	6	-	-	-	-
CABEZONE	-	-	-	-	19	2
CABIO	16	4	137	26	-	-
CARP	17	1	100	5	118	5
CATFISH AND BULLHEADS	11,381	3,332	6,940	2,420	-	-
CIGARFISH	1	(1)	771	115	-	-
COD	-	-	-	-	12,939	1,722
CREVALLE	97	9	1,691	138	-	-
CROAKER, ATLANTIC	15,131	1,604	8,218	1,170	-	-
CROAKER, WHITE	-	-	-	-	518	99
DOLLY VARDEN TROUT	-	-	-	-	(1)	(1)
DOLPHINFISH	30	12	84	23	10	3
DRUM:						
BLACK	132	17	2,764	585	-	-
RED	284	61	5,308	1,747	-	-
EELS:						
COMMON	764	354	1	(1)	1	(1)
MORAY	-	-	-	-	(1)	(1)
FLOUNDERS	11,779	4,159	1,881	572	61,554	10,282
FLYING FISH	-	-	-	-	98	31
GARFISH	-	-	387	53	-	-
GIZZARD SHAD	344	7	-	-	-	-
GOATFISH	96	36	-	-	-	-
GRENADIER	-	-	-	-	92	5
GROUNDFISH, UNCLASSIFIED	-	-	-	-	289	32
GROUPERS	985	506	6,913	3,229	10	5
GRUNTS	27	4	207	41	-	-
HAKE, PACIFIC	-	-	-	-	4,239	77
HALFMOON	-	-	-	-	26	8
HALIBUT	-	-	-	-	18,145	21,811
HARDHEAD	-	-	-	-	370	37
HARVESTFISH	24	5	-	-	-	-
HERRING:						
SEA	-	-	-	-	43,466	3,869
THREAD	11,065	481	6,999	267	-	-
HICKORY SHAD	20	2	-	-	-	-
HOGFISH	-	-	16	6	-	-
JACK MACKEREL	-	-	-	-	44,893	2,080
JEWFISH	53	18	201	26	-	-
KING WHITING OR "KINGFISH"	1,180	257	572	67	-	-
LAMPREY	-	-	-	-	1	(1)
LINGCOD	-	-	-	-	7,833	1,095
MACKEREL:						
ATLANTIC	440	40	-	-	-	-
KING	4,989	2,655	2,801	891	-	-
PACIFIC	-	-	-	-	357	19
SPANISH	9,626	1,786	8,342	1,467	-	-
TOTAL MACKEREL	15,055	4,481	11,143	2,358	357	19
MENHADEN	145,033	4,732	1,237,951	43,969	-	-
MINNOWS (HITCH)	-	-	-	-	37	11
MOJARRA	126	14	134	20	-	-
MUDSUCKER, LONGJAW	-	-	-	-	7	10
MULLETS	7,843	941	19,313	3,122	3	1
OCEAN PERCH, PACIFIC	-	-	-	-	5,358	633
OPALEYE	-	-	-	-	1	(1)
PADDLEFISH	-	-	1	(1)	-	-
PERCH	-	-	-	-	232	69
PERMIT	7	2	162	43	-	-
PIGFISH	55	5	7	1	-	-
POLLOCK	-	-	-	-	504	89
POMPANO	449	626	989	1,304	68	39
QUEENFISH	-	-	-	-	13	1
ROCKFISHES	-	-	-	-	44,276	6,256
SABLEFISH	-	-	-	-	17,587	2,293
SALMON:						
CHINOOK OR KING	-	-	-	-	30,089	36,790
CHUM OR KETA	-	-	-	-	56,815	26,736
PINK	-	-	-	-	102,431	34,883
RED OR SOCKEYE	-	-	-	-	83,659	53,862
SILVER OR COHO	-	-	-	-	37,081	38,690
UNCLASSIFIED	-	-	-	-	13	18
TOTAL SALMON	-	-	-	-	310,088	190,979
SAND PERCH	1	(1)	-	-	280	68
SARDINE, PACIFIC	-	-	-	-	16	1
SAWFISH	-	-	(1)	(1)	-	-
SCULPIN	-	-	-	-	173	74
SCUP OR PORGY	467	174	120	32	-	-

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LANDINGS BY REGION, 1976 - Continued

SPECIES	SOUTH ATLANTIC		GULF		PACIFIC	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SEA BASS:						
BLACK (ATLANTIC)	758	352	50	10	-	-
BLACK (PACIFIC)	-	-	-	-	56	25
WHITE	-	-	-	-	1,059	671
SEA CATFISH	45	2	237	25	-	-
SEA TROUT OR WEAKFISH:						
GRAY	8,804	982	8	1	-	-
SPOTTED	1,206	483	5,883	2,658	-	-
WHITE	-	-	1,769	226	-	-
SHAD	320	151	51	3	481	92
SHARKS:						
GRAYFISH	-	-	-	-	5,822	296
SOUPFIN	-	-	-	-	3	1
UNCLASSIFIED	70	8	108	12	871	205
SHEEFISH	-	-	-	-	(1)	(1)
SHEEPHEAD	-	-	-	-	8	2
SHEEPSHEAD:						
FRESHWATER	-	-	264	28	-	-
SALTWATER	249	38	987	107	-	-
SKATES	-	-	-	-	423	26
SMELT	-	-	-	-	3,784	302
SNAPPERS:						
LANE	8	6	47	21	-	-
MANGROVE	89	52	598	210	-	-
MUTTON	122	108	237	143	-	-
RED	583	740	7,088	5,895	-	-
VERMILION	204	194	280	194	-	-
YELLOWTAIL	55	46	922	704	-	-
UNCLASSIFIED	22	24	-	-	-	-
SPADEFISH	8	1	-	-	-	-
SPANISH SARDINES	16	1	1,440	118	-	-
SPOT	4,239	641	113	11	-	-
STEELHEAD TROUT	-	-	-	-	699	941
STRIPED BASS	1,038	523	-	-	-	-
STURGEON, COMMON	135	37	6	1	1,010	417
SUCKERS	(1)	(1)	-	-	10	3
SWELLFISH	7	3	-	-	-	-
SWORDFISH	262	355	391	816	84	230
TENPOUNDER	1	(1)	2,660	128	-	-
TILAPIA	1,844	270	-	-	-	-
TILEFISH	152	66	53	16	-	-
TOMCOD	-	-	-	-	3	(1)
TRIGGERFISH	22	5	84	12	-	-
TRIPLETAIL	4	1	2	(1)	-	-
TUNA:						
ALBACORE	-	-	-	-	41,019	18,955
BIGEYE	-	-	-	-	1,860	542
BLUEFIN	-	-	-	-	18,789	5,616
LITTLE	1	(1)	9	(1)	-	-
SKIPJACK	-	-	-	-	128,908	34,463
YELLOWFIN	-	-	-	-	283,032	83,691
UNCLASSIFIED	-	-	-	-	835	83
TOTAL TUNA	1	(1)	9	(1)	474,443	143,350
TURBOT	-	-	-	-	441	36
WAHOO	4	2	1	(1)	13	4
WARSAW	27	12	147	39	-	-
WHITEFISH, COMMON	-	-	-	-	16	4
WHITE PERCH	184	30	-	-	-	-
WOLFFISH	-	-	-	-	(1)	(1)
YELLOW PERCH	11	2	-	-	-	-
YELLOWTAIL	-	-	-	-	476	106
UNCLASSIFIED:						
FOR FOOD	1,236	330	1,719	267	3	(1)
FOR BAIT, REDUCTION, AND ANIMAL FOOD	6,038	82	122,091	3,739	686	53
TOTAL FISH	259,773	28,157	1,463,609	77,142	1,336,657	396,411
SHELLFISH ET AL.						
CRABS:						
BLUE:						
HARD	27,369	5,199	36,561	6,755	-	-
SOFT AND PEELER	20	26	88	145	-	-
DUNGENESS	-	-	-	-	34,444	20,757
KING	-	-	-	-	105,899	68,689
ROCK	-	-	-	-	1,228	342
SNOW	-	-	-	-	80,771	16,166
STONE	30	33	2,451	2,195	-	-
UNCLASSIFIED	-	-	-	-	41	21
TOTAL CRABS	27,419	5,258	39,100	9,095	222,383	105,975

SEE FOOTNOTES AT END OF TABLE.

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LANDINGS BY REGION, 1976 - Continued

SPECIES	SOUTH ATLANTIC		GULF		PACIFIC	
SHELLFISH ET AL. - CONTD.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CRAWFISH, FRESHWATER	-	-	1,862	664	624	328
LOBSTERS:						
SLIPPER	-	-	11	11	-	-
SPINY	987	1,734	4,358	6,852	293	663
SAND SHRIMP	-	-	-	-	34	41
SHRIMP	26,108	34,905	210,167	275,222	167,865	20,142
ABALONE	-	-	-	-	347	1,455
CLAMS:						
COCKLE	-	-	-	-	(1)	(1)
GEODUCK	-	-	-	-	1,771	938
HARD	550	560	-	-	574	443
RAZOR	-	-	-	-	150	284
SOFT	-	-	-	-	18	15
SURF	20	10	-	-	-	-
MIXED	-	-	-	-	129	44
TOTAL CLAMS	570	570	-	-	2,642	1,724
CONCHS	-	-	2	2	-	-
MUSSELS, SEA	-	-	-	-	24	10
OCTOPUS	(1)	(1)	-	-	113	29
OYSTERS, MARKET:						
EASTERN:						
PUBLIC	316	283	12,448	9,320	-	-
PRIVATE	1,388	932	9,121	6,807	6	25
PACIFIC	-	-	-	-	6,354	8,123
WESTERN	-	-	-	-	31	214
TOTAL OYSTERS	1,704	1,215	21,569	16,127	6,391	8,362
SCALLOPS:						
BAY	248	194	14	24	-	-
CALICO	426	398	1,842	1,223	-	-
SEA	1,107	1,432	-	-	265	412
TOTAL SCALLOPS	1,781	2,024	1,856	1,247	265	412
SQUID	52	9	73	15	20,339	751
MOLLUSKS, UNCLASSIFIED	-	-	-	-	7	3
SEA URCHINS	-	-	-	-	12,650	1,154
TURTLES:						
SNAPPER	8	1	1	(1)	-	-
SOFT-SHELL	63	11	-	-	-	-
FROGS	-	-	5	3	3	3
KELP (WITH HERRING EGGS)	-	-	-	-	781	377
SPONGES	16	72	7	52	-	-
SHELLFISH, UNCLASSIFIED	-	-	-	-	15	3
TOTAL SHELLFISH ET AL.	58,708	45,799	279,011	309,290	434,776	141,432
GRAND TOTAL	318,481	73,956	1,742,620	386,432	1,771,433	537,843

SPECIES	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	39,212	476	-	-	-	-	53,724	1,108
AMBERJACK	-	-	-	-	38	22	201	39
ANCHOVIES	-	-	-	-	(1)	(1)	263,515	6,630
ANGELFISH	-	-	-	-	-	-	12	1
ANGLERFISH	-	-	-	-	-	-	1,902	602
ARCTIC CHAR	-	-	-	-	-	-	10	2
BALLYHOO	-	-	-	-	-	-	263	81
BARRACUDA	-	-	-	-	7	6	172	73
BLACKFISH	-	-	-	-	-	-	61	19
BLUEFISH	-	-	-	-	-	-	10,622	1,127
BLUE RUNNER	-	-	-	-	-	-	1,206	137
BONITO	-	-	-	-	-	-	9,086	1,254
BOWFIN	1	(1)	123	9	-	-	134	9
BUFFALOFISH	94	29	21,040	4,502	-	-	22,250	4,686
BURBOT	253	7	90	4	-	-	343	11
BUTTERFISH	-	-	-	-	-	-	3,089	871
CABEZONE	-	-	-	-	-	-	19	2
CABIO	-	-	-	-	-	-	156	30
CARP	4,611	293	18,720	1,213	-	-	23,944	1,542
CATFISH AND BULLHEADS	856	325	10,884	4,596	-	-	31,538	10,960
CHUBS	1,657	1,186	-	-	-	-	1,657	1,186
CIGARFISH	-	-	-	-	-	-	772	115
COD	-	-	-	-	-	-	68,968	16,348
CRAPPIE	59	44	97	39	-	-	167	84
CREVALLE	-	-	-	-	96	86	1,884	233
CROAKER, ATLANTIC	-	-	-	-	-	-	31,020	3,740
CROAKER, WHITE	-	-	-	-	-	-	518	99

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LANDINGS BY REGION, 1976 - Continued

SPECIES	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CUNNER	-	-	-	-	-	-	(1)	(1)
CUSK	-	-	-	-	-	-	2,798	489
DOLLY VARDEN TROUT	-	-	-	-	-	-	(1)	(1)
DOLPHINFISH	-	-	-	-	111	179	235	217
DRUM:								
BLACK	-	-	-	-	-	-	2,952	607
RED	-	-	-	-	-	-	5,611	1,810
EELS:								
COMMON	36	28	2	(1)	-	-	2,500	1,060
CONGER	-	-	-	-	(1)	(1)	52	6
MORAY	-	-	-	-	5	1	5	1
FLOUNDERS	-	-	-	-	-	-	169,389	52,372
FLYING FISH	-	-	-	-	-	-	98	31
FRIGATE MACKEREL	-	-	-	-	-	-	(1)	(1)
GARFISH	-	-	822	102	-	-	1,209	155
GIZZARD SHAD	620	31	647	34	-	-	1,692	74
GOATFISH	-	-	-	-	67	79	163	115
GOLDFISH	134	7	-	-	-	-	135	8
GRENADIER	-	-	-	-	-	-	92	5
GROUNDFISH, UNCLASSIFIED	-	-	-	-	-	-	289	32
GROUPERS	-	-	-	-	-	-	7,908	3,740
GRUNTS	-	-	-	-	-	-	234	45
HADDOCK	-	-	-	-	-	-	12,796	5,567
HAKE:								
PACIFIC	-	-	-	-	-	-	4,239	77
RED	-	-	-	-	-	-	4,974	416
WHITE	-	-	-	-	-	-	9,110	1,196
HALFMOON	-	-	-	-	-	-	26	8
HALIBUT	-	-	-	-	-	-	18,283	21,984
HARDHEAD	-	-	-	-	-	-	370	37
HARVESTFISH	-	-	-	-	-	-	38	10
HERRING:								
LAKE	449	144	-	-	-	-	449	144
SEA	-	-	-	-	-	-	153,983	8,231
THREAD	-	-	-	-	-	-	18,064	748
HICKORY SHAD	-	-	-	-	-	-	27	4
HOGCHOKER	-	-	-	-	-	-	(1)	(1)
HOGFISH	-	-	-	-	-	-	16	6
JACK MACKEREL	-	-	-	-	-	-	44,893	2,080
JEWFISH	-	-	-	-	-	-	254	44
KING WHITING OR "KINGFISH"	-	-	-	-	-	-	1,763	325
LAKE TROUT	326	209	-	-	-	-	326	209
LAMPREY	-	-	-	-	-	-	1	(1)
LAUNCE	-	-	-	-	-	-	61	16
LINGCOD	-	-	-	-	-	-	7,833	1,095
MACKEREL:								
ATLANTIC	-	-	-	-	-	-	5,420	656
KING	-	-	-	-	-	-	7,808	3,555
PACIFIC	-	-	-	-	-	-	357	19
SPANISH	-	-	-	-	-	-	18,050	3,266
TOTAL MACKEREL	-	-	-	-	-	-	31,635	7,496
MACKEREL SHAD	-	-	-	-	296	250	296	250
MARLIN	-	-	-	-	310	177	310	177
MENHADEN	-	-	-	-	-	-	2,039,625	67,196
MINNOWS (HITCH)	6	8	-	-	-	-	43	19
MOJARRA	-	-	-	-	-	-	260	34
MOONEYE OR GOLDEYE	-	-	454	122	-	-	454	122
MUDSUCKER, LONGJAW	-	-	-	-	-	-	7	10
MULLETS	-	-	-	-	14	26	27,249	4,096
OCEAN PERCH:								
ATLANTIC	-	-	-	-	-	-	32,143	4,397
PACIFIC	-	-	-	-	-	-	5,358	633
OCEAN POUT	-	-	-	-	-	-	1,017	80
OPALEYE	-	-	-	-	-	-	1	(1)
PADDLEFISH	-	-	761	134	-	-	762	134
PERCH	-	-	-	-	-	-	232	69
PERMIT	-	-	-	-	-	-	169	45
PIGFISH	-	-	-	-	-	-	62	6
PIKE OR PICKEREL	84	25	8	4	-	-	92	29
POLLOCK	-	-	-	-	-	-	24,313	3,285
POMPANO	-	-	-	-	-	-	1,510	1,971
QUEENFISH	-	-	-	-	-	-	13	1
QUILLFISH	135	9	459	51	-	-	594	60
ROCK BASS	7	2	-	-	-	-	7	2
ROCKFISHES	-	-	-	-	-	-	44,276	6,256
RUDDERFISH	-	-	-	-	7	3	7	3
SABLEFISH	-	-	-	-	-	-	17,587	2,293

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LANDINGS BY REGION, 1976 - Continued

SPECIES	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SALMON:								
ATLANTIC	-	-	-	-	-	-	(1)	(1)
CHINOOK OR KING	-	-	-	-	-	-	30,089	36,790
CHUM OR KETA	-	-	-	-	-	-	56,815	26,736
PINK	-	-	-	-	-	-	102,431	34,883
RED OR SOCKEYE	-	-	-	-	-	-	83,659	53,862
SILVER OR COHO	-	-	-	-	-	-	37,081	38,690
UNCLASSIFIED	-	-	-	-	-	-	13	18
TOTAL SALMON	-	-	-	-	-	-	310,088	190,979
SAND PERCH	-	-	-	-	-	-	281	68
SARDINE, PACIFIC	-	-	-	-	(1)	(1)	16	1
SAUGER	26	10	-	-	-	-	26	10
SAWFISH	-	-	-	-	-	-	(1)	(1)
SCULPIN	-	-	-	-	-	-	173	74
SCUP OR PORGY	-	-	-	-	-	-	16,688	3,557
SEA BASS:								
BLACK (ATLANTIC)	-	-	-	-	-	-	4,240	1,505
BLACK (PACIFIC)	-	-	-	-	57	73	113	98
WHITE	-	-	-	-	-	-	1,059	671
SEA CATFISH	-	-	-	-	-	-	282	27
SEA ROBIN	-	-	-	-	-	-	110	6
SEA TROUT OR WEAKFISH:								
GRAY	-	-	-	-	-	-	20,877	2,654
SPOTTED	-	-	-	-	-	-	7,128	3,151
WHITE	-	-	-	-	-	-	1,769	226
SHAD	-	-	1,192	46	-	-	3,784	873
SHARKS:								
GRAYFISH	-	-	-	-	-	-	7,034	361
SOUPFIN	-	-	-	-	-	-	3	1
UNCLASSIFIED	-	-	-	-	-	-	1,169	235
SHEEFISH	-	-	-	-	-	-	(1)	(1)
SHEEPHEAD	-	-	-	-	-	-	8	2
SHEEPSHEAD:								
FRESHWATER	1,050	46	5,198	556	-	-	6,512	630
SALTWATER	-	-	-	-	-	-	1,236	145
SILVERSIDES	-	-	-	-	-	-	67	25
SKATES	-	-	-	-	-	-	731	64
SMELT	5,345	249	-	-	-	-	9,242	592
SNAPPERS:								
LANE	-	-	-	-	-	-	55	27
MANGROVE	-	-	-	-	-	-	687	262
MUTTON	-	-	-	-	-	-	359	251
RED	-	-	-	-	121	259	7,792	6,894
VERMILION	-	-	-	-	-	-	484	388
YELLOWTAIL	-	-	-	-	-	-	977	750
UNCLASSIFIED	-	-	-	-	204	247	226	271
SPADEFISH	-	-	-	-	-	-	8	1
SPANISH SARDINES	-	-	-	-	-	-	1,456	119
SPOT	-	-	-	-	1	(1)	5,574	881
STEELHEAD TROUT	-	-	-	-	-	-	699	941
STRIPED BASS	-	-	-	-	-	-	6,536	3,797
STURGEON:								
COMMON	-	-	-	-	-	-	1,175	460
SHOVELNOSE	-	-	61	19	-	-	61	19
SUCKERS	941	44	374	24	-	-	1,326	71
SUNFISH	7	2	-	-	-	-	12	3
SWELLFISH	-	-	-	-	-	-	16	9
SWORDFISH	-	-	-	-	3	2	4,335	6,309
TAUTOG	-	-	-	-	-	-	265	24
TENPOUNDER	-	-	-	-	2	1	2,663	129
TILAPIA	-	-	-	-	3	4	1,847	274
TILEFISH	-	-	-	-	-	-	2,430	970
TOMCOD	-	-	-	-	-	-	3	(1)
TRIGGERFISH	-	-	-	-	1	(1)	107	17
TRIPLETAIL	-	-	-	-	-	-	6	1
TULLIBEE	185	15	7	1	-	-	192	16
TUNA:								
ALBACORE	-	-	-	-	59	40	41,078	18,995
BIGEYE	-	-	-	-	431	821	2,291	1,363
BLUEFIN	-	-	-	-	4	4	22,846	7,280
LITTLE	-	-	-	-	76	23	87	23
SKIPJACK	-	-	-	-	9,772	3,827	138,680	38,290
YELLOWFIN	-	-	-	-	1,702	1,673	284,745	85,369
UNCLASSIFIED	-	-	-	-	(1)	(1)	840	86
TOTAL TUNA	-	-	-	-	12,044	6,388	490,567	151,406

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1976 - Continued

SPECIES	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
FISH - CONTINUED								
TURBOT	-	-	-	-	-	-	441	36
WAHOO	-	-	-	-	135	127	153	133
WARSAW	-	-	-	-	-	-	174	51
WHITE AMUR	-	-	51	14	-	-	51	14
WHITE BASS	1,528	676	17	4	-	-	1,545	680
WHITEFISH:								
COMMON	5,325	4,109	87	56	-	-	5,428	4,169
MENOMINEE	147	54	-	-	-	-	147	54
WHITE PERCH	45	14	-	-	-	-	1,065	267
WHITING	-	-	-	-	-	-	47,686	3,983
WOLFFISH	-	-	-	-	-	-	1,047	96
YELLOW BASS	-	-	16	4	-	-	16	4
YELLOW PERCH	3,117	2,479	296	278	-	-	3,449	2,764
YELLOW PIKE (WALLEYE)	262	228	166	156	-	-	429	384
YELLOWTAIL	-	-	-	-	-	-	476	106
UNCLASSIFIED:								
FOR FOOD	-	-	10	(1)	1,087	724	6,831	2,091
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	-	-	151,289	4,304
TOTAL FISH	66,518	10,749	61,582	11,968	14,609	8,654	4,370,844	651,998
SHELLFISH ET AL.								
CRABS:								
BLUE:								
HARD	-	-	-	-	-	-	115,434	23,563
SOFT AND PEELER	-	-	-	-	-	-	2,518	1,917
DUNGENESS	-	-	-	-	-	-	34,444	20,757
GREEN	-	-	-	-	-	-	3	1
JONAH	-	-	-	-	-	-	757	151
KING	-	-	-	-	-	-	105,899	68,689
RED	-	-	-	-	-	-	1,453	416
ROCK	-	-	-	-	-	-	2,649	472
SNOW	-	-	-	-	-	-	80,771	16,166
STONE	-	-	-	-	-	-	2,481	2,228
UNCLASSIFIED	-	-	-	-	47	93	88	114
TOTAL CRABS	-	-	-	-	47	93	346,497	134,474
CRAWFISH, FRESHWATER	-	-	5,800	1,742	-	-	8,286	2,734
HORSESHOE CRABS	-	-	-	-	-	-	2,043	28
LOBSTERS:								
AMERICAN	-	-	-	-	-	-	31,483	51,911
SLIPPER	-	-	-	-	(1)	(1)	11	11
SPINY	-	-	-	-	5	11	5,643	9,260
SAND SHRIMP	-	-	-	-	-	-	34	41
SHRIMP	-	-	11	8	10	31	406,415	331,072
ABALONE	-	-	-	-	-	-	347	1,455
CLAMS:								
COCKLE	-	-	-	-	-	-	(1)	(1)
GEODUCK	-	-	-	-	-	-	1,771	938
HARD	-	-	-	-	-	-	15,251	25,752
OCEAN QUAHOG	-	-	-	-	-	-	5,602	1,617
RAZOR	-	-	-	-	-	-	154	286
SOFT	-	-	-	-	-	-	10,467	12,332
SURF	-	-	-	-	-	-	49,158	23,367
MIXED	-	-	-	-	-	-	129	44
TOTAL CLAMS	-	-	-	-	-	-	82,532	64,336
CONCHS	-	-	-	-	-	-	1,247	309
LIMPETS	-	-	-	-	3	25	3	25
MUSSELS, SEA	-	-	-	-	-	-	1,719	527
MUSSEL SHELLS	-	-	3,107	595	-	-	3,107	595
OCTOPUS	-	-	-	-	12	16	125	45
OYSTERS, MARKET:								
EASTERN:								
PUBLIC	-	-	-	-	-	-	29,767	27,263
PRIVATE	-	-	-	-	-	-	18,243	18,763
PACIFIC	-	-	-	-	-	-	6,354	8,123
WESTERN	-	-	-	-	-	-	31	214
TOTAL OYSTERS	-	-	-	-	-	-	54,395	54,363
PERIWINKLES AND COCKLES	-	-	-	-	-	-	38	36
SCALLOPS:								
BAY	-	-	-	-	-	-	1,590	3,007
CALICO	-	-	-	-	-	-	2,268	1,621
SEA	-	-	-	-	-	-	19,853	34,985
TOTAL SCALLOPS	-	-	-	-	-	-	23,711	39,613

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGIONS. 1976 - Continued

SPECIES	GREAT LAKES		MISSISSIPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
SHELLFISH ET AL. - CONTD.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SQUID	-	-	-	-	9	6	28,854	2,357
MOLLUSKS, UNCLASSIFIED. . .	-	-	-	-	-	-	7	3
SEA URCHINS	-	-	-	-	(1)	(1)	12,686	1,156
TERRAPIN.	-	-	-	-	-	-	6	5
TURTLES:								
SLIDER.	-	-	6	1	-	-	6	1
SNAPPER	-	-	106	38	-	-	192	62
SOFT-SHELL.	-	-	12	3	-	-	75	14
UNCLASSIFIED.	-	-	-	-	-	-	1	(1)
FROGS	-	-	34	26	-	-	42	32
KELP (WITH HERRING EGGS). .	-	-	-	-	-	-	781	377
IRISH MOSS.	-	-	-	-	-	-	5,200	208
SEAWEED	-	-	-	-	64	40	64	40
SPONGES	-	-	-	-	-	-	23	124
BLOODWORMS.	-	-	-	-	-	-	532	1,256
SAND WORMS.	-	-	-	-	-	-	761	897
SHELLFISH, UNCLASSIFIED . .	-	-	-	-	2	3	17	6
TOTAL SHELLFISH ET AL. .	-	-	9,076	2,413	152	225	1,016,883	697,373
GRAND TOTAL.	66,518	10,749	70,658	14,381	14,761	8,879	5,387,727	1,349,371

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, LIMPETS, MUSSELS, OYSTERS, AND PERIWINKLES AND COCKLES ARE REPORTED IN WEIGHT OF TOTAL MEATS; ABALONE AND SCALLOPS ARE REPORTED IN WEIGHT OF EDIBLE MEATS.

LANDINGS OF CATCH BY GEAR, 1976

GEAR	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAUL SEINES	238	45	849	221	1,737	238	20,790	2,577
STOP NETS AND SEINES	55,621	2,468	-	-	-	-	-	-
PURSE SEINES	94,748	2,433	149,210	4,654	409,219	12,570	155,024	5,202
BAG NETS	69	24	-	-	-	-	280	246
OTTER TRAWLS	277,159	67,329	46,073	12,204	9,787	4,142	63,270	43,211
WEIRS	4,093	188	8	6	-	-	-	-
POUND NETS	1,728	376	5,427	712	61,627	3,171	11,050	1,357
FLOATING TRAPS	4,851	902	-	-	-	-	-	-
FYKE AND HOOP NETS	8	3	247	53	229	46	1,018	331
POTS AND TRAPS	32,991	47,660	8,522	4,551	35,228	8,340	28,989	7,661
GILL NETS	22,522	3,818	2,947	590	8,308	2,307	20,140	4,892
TRAMMEL NETS	-	-	-	-	-	-	164	142
LINES	15,749	7,664	3,218	1,513	6,824	1,651	13,664	5,990
DIP NETS	3,416	130	13	4	27	15	67	3
CAST NETS	-	-	-	-	-	-	1,411	208
HARPOONS	891	981	-	-	-	-	-	-
SPEARS	23	14	39	18	-	-	42	21
SCRAPES	-	-	-	-	1,196	822	-	-
DREDGES	14,773	24,349	41,062	27,573	35,182	23,017	858	753
TONGS AND RAKES 4/	7,606	3,963	8,491	15,935	16,965	17,291	1,455	1,014
HOES AND FORKS	10,943	11,735	148	173	-	-	-	-
PICKS	-	-	-	-	231	235	-	-
HOOKS, SPONGE	-	-	-	-	-	-	16	72
DIVING OUTFITS	10	21	-	-	-	-	37	66
BY HAND	42	36	2,531	622	430	318	206	210
TOTAL	547,481	174,139	268,785	68,829	586,990	74,163	318,481	73,956

GEAR	GULF		PACIFIC		GREAT LAKES	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAUL SEINES	10,590	1,333	1/ 2,850	1/ 726	6,055	822
PURSE SEINES	1,268,084	45,110	905,080	184,690	-	-
BUTTERFLY NETS	8,012	4,650	-	-	-	-
BEAM TRAWLS	-	-	3,298	562	-	-
OTTER TRAWLS	315,931	276,907	304,284	37,940	28,628	390
POUND NETS	-	-	56	64	15,562	747
TRAP NETS	-	-	-	-	4,884	2,453
FLOATING TRAPS	-	-	356	12	-	-
FYKE AND HOOP NETS	4,222	1,218	-	-	678	252
POTS AND TRAPS	44,831	16,494	231,650	107,964	-	-
GILL NETS	35,239	7,630	2/ 153,306	2/ 90,575	9,624	5,995
TRAMMEL NETS	8,171	2,887	(2)	(2)	-	-
LINES	25,668	13,796	132,034	99,391	138	46
DIP NETS	15	23	3,321	297	949	44
BRAIL OR SCOOP NETS	-	-	9,818	1,087	-	-
REEF NETS	-	-	233	245	-	-
WHEELS	-	-	1,900	526	-	-
CAST NETS	115	20	-	-	-	-
HARPOONS	-	-	99	198	-	-
SPEARS	49	20	-	-	-	-
WATER PUMPS	-	-	33	40	-	-
DREDGES	17,337	13,007	6,558	8,491	-	-
TONGS AND RAKES 4/	4,203	3,105	-	-	-	-
SHOVELS	-	-	607	641	-	-
BRUSH TRAPS	56	93	-	-	-	-
FROG GRABS	5	3	-	-	-	-
HOOKS, SPONGE	7	29	-	-	-	-
DIVING OUTFITS	41	69	14,775	3,554	-	-
BY HAND	44	38	1,175	840	-	-
TOTAL	1,742,620	386,432	1,771,433	537,843	66,518	10,749

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS OF CATCH BY GEAR, 1976 - Continued

GEAR	MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAUL SEINES	12,667	1,144	612	371	56,388	7,477
STOP NETS AND SEINES	-	-	-	-	55,621	2,468
PURSE SEINES	-	-	-	-	2,981,365	254,659
BAG NETS	-	-	105	66	454	336
BUTTERFLY NETS	-	-	-	-	8,012	4,650
BEAM TRAWLS	-	-	-	-	3,298	562
OTTER TRAWLS	1,295	78	-	-	1,046,427	442,201
WEIRS	12	(3)	-	-	4,113	194
POUND NETS	(3)	(3)	-	-	95,450	6,427
TRAP NETS	5	(3)	-	-	4,889	2,453
FLOATING TRAPS	-	-	-	-	5,207	914
FYKE AND HOOP NETS	14,492	2,916	-	-	20,894	4,819
POTS AND TRAPS	6,254	1,942	74	79	388,539	194,691
SLAT TRAPS	42	15	-	-	42	15
GILL NETS	15,090	3,329	292	203	267,468	119,339
TRAMMEL NETS	10,931	2,262	-	-	19,266	5,291
LINES	4,893	1,993	13,438	7,878	215,626	139,922
DIP NETS	1,846	88	-	-	9,654	604
BRAIL OR SCOOP NETS	-	-	-	-	9,818	1,087
LIFT NETS	-	-	117	138	117	138
REEF NETS	-	-	-	-	233	245
WHEELS	-	-	-	-	1,900	526
CAST NETS	-	-	5	5	1,531	233
HARPOONS	-	-	-	-	990	1,179
SPEARS	-	-	10	14	163	87
SCRAPES	-	-	-	-	1,196	822
WATER PUMPS	-	-	-	-	33	40
DREDGES	-	-	-	-	115,770	97,190
TONGS AND RAKES 4/	-	-	-	-	38,720	41,308
HOES AND FORKS	-	-	-	-	11,091	11,908
SHOVELS	-	-	-	-	607	641
PICKS	-	-	-	-	231	235
BRUSH TRAPS	-	-	-	-	56	93
CROWFOOT BARS	629	104	-	-	629	104
FROG GRABS	24	19	-	-	29	22
HOOKS, SPONGE	-	-	-	-	23	101
DIVING OUTFITS	848	160	-	-	15,711	3,870
BY HAND	1,630	331	3	23	6,061	2,418
UNCLASSIFIED	-	-	105	102	105	102
TOTAL	70,658	14,381	14,761	8,879	5,387,727	1,349,371

1/ LANDINGS BY HAUL SEINES IN ALASKA AND BY LAMPARA NETS IN CALIFORNIA HAVE BEEN INCLUDED WITH PURSE SEINES.
2/ LANDINGS BY TRAMMEL NETS IN CALIFORNIA HAVE BEEN INCLUDED WITH GILL NETS.
3/ LESS THAN 500 POUNDS OR $500.
4/ INCLUDES LANDINGS OF OYSTER GRABS.

LANDINGS BY U.S. FISHING CRAFT, BY DISTANCE CAUGHT OFF U.S. SHORES AND CAUGHT IN INTERNATIONAL WATERS, 1976 [1]

SPECIES	DISTANCE CAUGHT OFF U.S. SHORES				INTERNATIONAL WATERS (INCLUDES CATCH OFF FOREIGN COASTS)		TOTAL	
	0 TO 3 MILES		3 TO 200 MILES					
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	53,724	1,108	-	-	-	-	53,724	1,108
ANCHOVIES	12,303	2,337	251,212	4,293	-	-	263,515	6,630
BLUEFISH	9,506	1,002	1,116	125	-	-	10,622	1,127
BONITO	4,924	685	4,073	557	89	12	9,086	1,254
BUTTERFISH	1,547	427	1,542	444	-	-	3,089	871
COD	7,507	1,458	56,135	14,064	5,326	826	68,968	16,348
CROAKER	19,064	2,262	11,956	1,478	-	-	31,020	3,740
CUSK	303	40	2,388	433	107	16	2,798	489
DOLPHINFISH	138	190	94	26	3	1	235	217
FLOUNDERS:								
ATLANTIC AND GULF:								
BLACKBACK	3,195	909	11,317	3,923	22	10	14,534	4,842
FLUKE	8,022	3,588	15,719	7,113	-	-	23,741	10,701
YELLOWTAIL	1,768	725	36,177	14,828	28	13	37,973	15,566
OTHER	8,264	2,740	23,174	8,173	149	68	31,587	10,981
PACIFIC	7,616	1,229	47,068	7,984	6,870	1,069	61,554	10,282
TOTAL FLOUNDERS	28,865	9,191	133,455	42,021	7,069	1,160	169,389	52,372
GROUPERS	908	425	6,583	3,123	407	187	7,898	3,735
HADDOCK	147	56	10,403	4,524	2,246	987	12,796	5,567
HAKE:								
PACIFIC	3,741	58	498	19	-	-	4,239	77
RED	746	60	4,221	355	7	1	4,974	416
WHITE	913	93	8,040	1,084	157	19	9,110	1,196
HALIBUT	2,350	2,795	15,924	19,180	9	9	18,283	21,984
HERRING, SEA	135,735	7,631	18,248	600	-	-	153,983	8,231
JACK MACKEREL	6,958	322	37,935	1,758	-	-	44,893	2,080
LINGCOD	621	88	5,327	753	1,885	254	7,833	1,095
MACKEREL:								
ATLANTIC	2,021	356	3,399	300	-	-	5,420	656
KING	2,483	1,245	5,325	2,310	-	-	7,808	3,555
PACIFIC	124	6	233	13	-	-	357	19
SPANISH	8,788	1,613	9,262	1,653	-	-	18,050	3,266
MENHADEN	1,826,000	59,846	213,625	7,350	-	-	2,039,625	67,196
MULLETS	27,116	4,070	130	25	3	1	27,249	4,096
OCEAN PERCH:								
ATLANTIC	19	1	22,323	3,155	9,801	1,241	32,143	4,397
PACIFIC	70	8	3,657	433	1,631	192	5,358	633
POLLOCK	1,052	110	21,898	2,940	1,363	235	24,313	3,285
ROCKFISHES	4,765	746	33,013	4,787	6,498	723	44,276	6,256
SABLEFISH	5,551	1,098	11,818	1,158	218	37	17,587	2,293
SALMON:								
CHINOOK OR KING	19,802	23,601	10,287	13,189	-	-	30,089	36,790
CHUM OR KETA	56,815	26,736	-	-	-	-	56,815	26,736
PINK	96,286	32,791	6,145	2,092	-	-	102,431	34,883
RED OR SOCKEYE	83,659	53,862	-	-	-	-	83,659	53,862
SILVER OR COHO	21,634	21,632	15,325	16,931	122	127	37,081	38,690
UNCLASSIFIED	8	11	5	7	-	-	13	18
TOTAL SALMON	278,204	158,633	31,762	32,219	122	127	310,088	190,979
SCUP OR PORGY	6,261	1,234	10,427	2,323	-	-	16,688	3,557
SEA BASS:								
BLACK	625	284	3,728	1,319	-	-	4,353	1,603
WHITE	30	20	169	113	860	538	1,059	671

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

LANDINGS BY U.S. FISHING CRAFT, BY DISTANCE CAUGHT OFF U.S. SHORES AND CAUGHT IN INTERNATIONAL WATERS, 1976 - Continued 1/

SPECIES	DISTANCE CAUGHT OFF U.S. SHORES				INTERNATIONAL WATERS (INCLUDES CATCH OFF FOREIGN COASTS)		TOTAL	
	0 TO 3 MILES		3 TO 200 MILES					
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SEA TROUT OR WEAKFISH:								
GRAY	13,268	1,985	7,609	669	-	-	20,877	2,654
SPOTTED	7,102	3,141	26	10	-	-	7,128	3,151
WHITE	365	64	1,404	162	-	-	1,769	226
SHARKS:								
GRAYFISH	6,044	318	990	43	-	-	7,034	361
UNCLASSIFIED	681	146	417	74	71	15	1,169	235
SNAPPERS:								
RED	249	256	6,826	6,162	717	476	7,792	6,894
OTHER	930	486	1,793	1,414	65	49	2,788	1,949
STRIPED BASS	6,352	3,651	184	146	-	-	6,536	3,797
SWORDFISH	20	48	2,974	4,452	1,341	1,809	4,335	6,309
TUNA:								
ALBACORE	-	-	17,557	8,186	23,525	10,811	41,082	18,997
BIGEYE	-	-	431	821	1,860	542	2,291	1,363
BLUEFIN	479	276	7,336	2,510	15,339	4,582	23,154	7,368
LITTLE	45	10	42	13	-	-	87	23
SKIPJACK	98	38	9,674	3,789	194,528	52,318	204,300	56,145
YELLOWFIN	170	167	1,543	1,510	391,446	115,783	393,159	117,460
UNCLASSIFIED	-	-	5	2	835	84	840	86
TOTAL TUNA	792	491	36,588	16,831	627,533	184,120	664,913	201,442
WARSAW	11	3	163	47	-	-	174	50
WHITING	5,800	537	41,886	3,446	-	-	47,686	3,983
WOLFFISH	96	9	852	76	99	11	1,047	96
FISH, OTHER	245,697	43,729	95,314	6,134	102	26	341,113	49,889
TOTAL FISH	2,740,516	314,362	1,136,945	194,601	667,729	193,072	4,545,190	702,035
SHELLFISH ET AL.								
CRABS:								
BLUE, HARD	113,438	23,214	1,996	349	-	-	115,434	23,563
DUNGENESS	27,537	16,610	6,907	4,147	-	-	34,444	20,757
KING	21,180	13,737	84,719	54,952	-	-	105,899	68,689
SNOW	12,116	2,425	68,655	13,741	-	-	80,771	16,166
OTHER	6,306	3,588	3,643	1,711	-	-	9,949	5,299
TOTAL CRAB	180,577	59,574	165,920	74,900	-	-	346,497	134,474
LOBSTERS:								
AMERICAN	23,009	36,366	8,474	15,545	-	-	31,483	51,911
SPINY	2,681	4,604	2,946	4,620	16	36	5,643	9,260
SHRIMP	176,019	91,825	222,318	228,021	15,839	26,282	414,176	346,128
CLAMS:								
HARD	15,251	25,752	-	-	-	-	15,251	25,752
OCEAN QUAHOG	1,498	379	4,104	1,238	-	-	5,602	1,617
SOFT	10,467	12,332	-	-	-	-	10,467	12,332
SURF	6,600	2,144	42,558	21,223	-	-	49,158	23,367
OTHER	2,054	1,268	-	-	-	-	2,054	1,268
TOTAL CLAMS	35,870	41,875	46,662	22,461	-	-	82,532	64,336

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY U.S. FISHING CRAFT, BY DISTANCE CAUGHT OFF U.S. SHORES AND CAUGHT IN INTERNATIONAL WATERS, 1976 - Continued [1/]

SPECIES	DISTANCE CAUGHT OFF U.S. SHORES				INTERNATIONAL WATERS (INCLUDES CATCH OFF FOREIGN COASTS)		TOTAL	
	0 TO 3 MILES		3 TO 200 MILES					
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SHELLFISH ET AL - CONTINUED								
OYSTERS	54,395	54,363	-	-	-	-	54,395	54,363
SCALLOPS:								
BAY	1,590	3,007	-	-	-	-	1,590	3,007
CALICO.	436	404	1,832	1,217	-	-	2,268	1,621
SEA	806	1,693	19,047	33,292	-	-	19,853	34,985
SQUID	22,862	1,422	5,992	935	-	-	28,854	2,357
SHELLFISH, OTHER.	36,573	9,819	780	168	-	-	37,353	9,987
TOTAL SHELLFISH	534,818	304,952	473,971	381,159	15,855	26,318	1,024,644	712,429
GRAND TOTAL	3,275,334	619,314	1,610,916	575,760	683,584	219,390	5,569,834	1,414,464

1/ DATA INCLUDE LANDINGS BY U.S. FLAG VESSELS AT PUERTO RICO, AMERICAN SAMOA OR OTHER PORTS OUTSIDE THE 50 STATES.

NOTE:--LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, MUSSELS, OYSTERS, AND PERIWINKLES AND COCKLES ARE REPORTED IN WEIGHT OF TOTAL MEATS; ABALONE AND SCALLOPS ARE REPORTED IN WEIGHTS OF EDIBLE MEATS.

LANDINGS USED FOR HUMAN FOOD AND INDUSTRIAL PRODUCTS, 1976

ITEM	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
FOR HUMAN FOOD, TOTAL . . .	453,141	169,497	112,538	63,750	128,903	60,426
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	1,482	29	49	15	-	-
BAIT, FRESH AND FROZEN. .	10,188	2,369	7,246	886	26,716	951
CANNED ANIMAL FOOD. . . .	7,000	175	-	-	3,772	86
REDUCTION TO MEAL, OIL, AND SOLUBLES	70,925	1,868	148,952	4,178	427,599	12,700
OTHER	4,745	201	-	-	-	-
TOTAL	94,340	4,642	156,247	5,079	458,087	13,737
GRAND TOTAL	547,481	174,139	268,785	68,829	586,990	74,163

ITEM	SOUTH ATLANTIC		GULF		PACIFIC 1/	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
FOR HUMAN FOOD, TOTAL . . .	153,287	67,585	369,912	337,064	1,467,501	535,517
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	-	-	3,787	107	4,217	346
BAIT, FRESH AND FROZEN. .	5,786	1,089	11,003	1,530	34,382	5,786
CANNED ANIMAL FOOD. . . .	-	-	89,012	2,634	30,469	1,583
REDUCTION TO MEAL, OIL, AND SOLUBLES	159,393	5,210	1,268,899	45,045	249,625	3,490
OTHER	15	72	7	52	-	-
TOTAL	165,194	6,371	1,372,708	49,368	318,693	11,205
GRAND TOTAL	318,481	73,956	1,742,620	386,432	1,786,194	546,722

ITEM	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
FOR HUMAN FOOD, TOTAL . . .	27,293	10,258	62,019	13,585	2,774,594	1,257,682
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	13,649	177	268	7	23,452	681
BAIT, FRESH AND FROZEN. .	6	7	630	28	95,957	12,646
CANNED ANIMAL FOOD. . . .	10,930	131	-	-	141,183	4,609
REDUCTION TO MEAL, OIL, AND SOLUBLES	14,640	176	4,665	83	2,344,698	72,750
OTHER	-	-	3,076	678	7,843	1,003
TOTAL	39,225	491	8,639	796	2,613,133	91,689
GRAND TOTAL	66,518	10,749	70,658	14,381	5,387,727	1,349,371

1/ INCLUDES HAWAII.

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY REGIONS, 1976

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE	SOUTH ATLANTIC	GULF	PACIFIC 1/	GREAT LAKES	MISSIS-SIPPI RIVER	TOTAL
FISH					THOUSAND POUNDS				
ALEWIVES	3,431	-	2,285	1,824	125	-	39,219	-	46,884
ANCHOVIES	-	-	-	-	-	263,460	-	-	263,460
ANGLERFISH	428	-	-	-	-	-	-	-	428
BALLYHOO	-	-	-	180	140	-	-	-	320
BLUE RUNNER	-	-	-	190	410	-	-	-	600
BONITO	-	-	-	-	-	490	-	-	490
BUTTERFISH	-	528	-	-	-	-	-	-	528
CARP	-	-	-	-	-	-	-	4,759	4,759
CATFISH AND BULLHEADS	-	-	-	-	232	-	-	-	232
CHUBS	-	-	-	-	-	-	-	64	64
CIGARFISH	-	-	-	-	750	-	-	-	750
COD	-	-	-	-	-	18	-	-	18
CREVALLE	-	-	-	200	220	-	-	-	420
CROAKER, ATLANTIC	-	-	-	-	49,925	-	-	-	49,925
CROAKER, WHITE	-	-	-	-	-	465	-	-	465
CUTLASSFISH (SILVER EELS	-	-	-	-	11,225	-	-	-	11,225
DRUM, BLACK	-	-	-	-	120	-	-	-	120
EELS, COMMON	-	46	75	-	-	-	-	-	121
FLOUNDERS	934	-	-	-	-	1,884	-	-	2,818
FLYING FISH	-	-	-	-	-	98	-	-	98
GIZZARD SHAD	-	-	41	344	-	-	-	630	1,015
HAKE:									
PACIFIC	-	-	-	-	-	3,121	-	-	3,121
RED	2,304	-	-	-	-	-	-	-	2,304
HALIBUT	-	-	-	-	-	1	-	-	1
HERRING:									
SEA:									
ATLANTIC	3,634	145	6	-	-	-	-	-	3,785
PACIFIC	-	-	-	-	-	14,204	-	-	14,204
THREAD	-	-	-	11,007	23,321	-	-	-	34,328
HICKORY SHAD	-	-	4	-	-	-	-	-	4
JACK MACKEREL	-	-	-	-	-	26,935	-	-	26,935
LAUNCE	10	39	-	-	-	-	-	-	49
LINGCOD	-	-	-	-	-	2	-	-	2
MACKEREL:									
ATLANTIC	716	144	-	-	-	-	-	-	860
PACIFIC	-	-	-	-	-	212	-	-	212
MENHADEN	59,013	151,485	446,141	145,033	1,237,957	-	-	-	2,039,629
MINNOWS (HITCH)	-	-	-	-	-	-	6	-	6
MULLETS	-	-	-	400	7,208	-	-	-	7,608
OCEAN PERCH:									
ATLANTIC	308	-	-	-	-	-	-	-	308
PACIFIC	-	-	-	-	-	7	-	-	7
OCEAN POUT	4,658	-	-	-	-	-	-	-	4,658
POLLOCK	-	-	-	-	-	5	-	-	5
RATFISH	-	-	-	-	-	10	-	-	10
ROCKFISHES	-	-	-	-	-	199	-	-	199
SABLEFISH	-	-	-	-	-	42	-	-	42
SEA CATFISH	-	-	-	-	1,755	-	-	-	1,755
SEA ROBIN	1,528	38	-	-	-	-	-	-	1,566
SEA TROUT OR WEAKFISH, WHITE	-	-	-	-	3,985	-	-	-	3,985
SHARKS, UNCLASSIFIED	-	-	-	20	30	14	-	-	64
SILVERSIDES	-	34	-	-	-	-	-	-	34
SKATES	1,683	-	-	-	-	20	-	-	1,703
SPANISH SARDINES	-	-	-	-	1,400	-	-	-	1,400
SPOT	-	-	-	-	16,494	-	-	-	16,494
SUCKERS	-	-	-	-	-	10	-	79	89
TENPOUNDER	-	-	-	20	1,300	-	-	-	1,320
TOMCOD	-	-	-	-	-	3	-	-	3
TUNA, SKIPJACK	-	-	-	-	-	1,243	-	-	1,243
TURBOT	-	-	-	-	-	10	-	-	10
WHITING	999	-	-	-	-	-	-	-	999
UNCLASSIFIED	7,854	4	9,119	5,603	15,103	2,790	-	-	40,473
TOTAL FISH	87,500	152,463	457,671	164,821	1,371,700	315,243	39,225	5,532	2,594,155
SHELLFISH ET AL.									
CRABS, BLUE, SOFT AND PEELER	-	15	332	-	-	-	-	-	347
HORSESHOE CRABS	-	2,000	23	-	-	-	-	-	2,023
SAND SHRIMP	-	-	-	-	-	13	-	-	13
SHRIMP	-	-	-	310	980	745	-	-	2,035
CLAMS:									
RAZOR	-	-	-	-	-	5	-	-	5
SURF	-	1,271	2	-	-	-	-	-	1,273

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY REGIONS, 1976 - Continued

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE	SOUTH ATLANTIC	GULF	PACIFIC 1/	GREAT LAKES	MISSIS-SIPPI RIVER	TOTAL
SHELLFISH ET AL.-CONTD.	- - - - - -	- - - - - -	- - - - - -	- - - - - -	THOUSAND	POUNDS	- - - - - -	- - - - - -	- - - - - -
MUSSELS, SEA.	-	-	-	-	-	23	-	-	23
MUSSEL SHELLS, FRESH-WATER.	-	-	-	-	-	-	-	3,107	3,107
SQUID	347	498	59	48	21	2,664	-	-	3,637
IRISH MOSS.	5,200	-	-	-	-	-	-	-	5,200
SPONGES	-	-	-	15	7	-	-	-	22
BLOODWORMS.	532	-	-	-	-	-	-	-	532
SANDWORMS	761	-	-	-	-	-	-	-	761
TOTAL SHELLFISH ET AL..	6,840	3,784	416	373	1,008	3,450	-	3,107	18,978
GRAND TOTAL. . . .	94,340	156,747	458,087	165,194	1,372,708	318,693	39,225	8,639	2,613,133

1/ INCLUDES HAWAII.

NOTE:--PARTLY ESTIMATED. LANDINGS OF BALLYHOO, ATLANTIC CROAKER, CUTLASSFISH, THREAD HERRING, MENHADEN, OCEAN POUT, SEA CATFISH, SEA ROBIN, WHITE SEA TROUT OR WEAKFISH, SKATES, AND SPOT AS SHOWN IN THIS TABLE EXCEED THE TABULATION ON LANDINGS BY REGION, PAGE 18. IN THAT TABLE, THE EXTRA AMOUNTS ARE INCLUDED WITH UNCLASSIFIED FOR BAIT, REDUCTION AND ANIMAL FOOD.

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY COMMODITY, 1976

SPECIES	BAIT, FOOD, FRESH AND FROZEN	FRESH AND FROZEN	CANNED ANIMAL FOOD	FOR REDUCTION	OTHER	TOTAL
FISH	- - - - - -	- - - - - -	THOUSAND POUNDS	- - - - - -	- - - - - -	- - - - - -
ALEWIVES.	13,644	6,139	12,187	14,914	-	46,884
ANCHOVIES	70	15,648	226	247,516	-	263,460
ANGLERFISH.	-	-	-	428	-	428
BALLYHOO.	-	320	-	-	-	320
BLUE RUNNER	-	600	-	-	-	600
BONITO.	-	110	380	-	-	490
BUTTERFISH.	-	528	-	-	-	528
CARP.	203	-	-	4,556	-	4,759
CATFISH AND BULLHEADS . .	-	-	-	232	-	232
CHUBS	64	-	-	-	-	64
CIGARFISH	-	750	-	-	-	750
COD	7	-	-	11	-	18
CREVALLE.	-	420	-	-	-	420
CROAKER, ATLANTIC	3,200	1,811	44,914	-	-	49,925
CROAKER, WHITE.	-	-	-	465	-	465
CUTLASSFISH (SILVER EEL).	-	358	10,635	232	-	11,225
DRUM, BLACK	-	120	-	-	-	120
EELS, COMMON.	-	121	-	-	-	121
FLOUNDERS	926	284	953	655	-	2,818
FLYING FISH	-	98	-	-	-	98
GIZZARD SHAD.	-	1,015	-	-	-	1,015
HAKE:						
PACIFIC	1,044	-	40	2,037	-	3,121
RED	-	57	-	2,247	-	2,304
HALIBUT	1	-	-	-	-	1
HERRING:						
SEA:						
ATLANTIC.	-	305	3,480	-	-	3,785
PACIFIC	9	14,182	13	-	-	14,204
THREAD.	-	350	-	33,978	-	34,328
HICKORY SHAD.	-	4	-	-	-	4
JACK MACKEREL	1,077	-	25,858	-	-	26,935
LAUNCE.	-	39	-	10	-	49
LINGCOD	-	-	2	-	-	2
MACKEREL:						
ATLANTIC.	-	860	-	-	-	860
PACIFIC	8	-	204	-	-	212
MENHADEN.	-	28,670	2,515	2,008,444	-	2,039,629
MINNOWS (HITCH)	-	6	-	-	-	6
MULLETS	-	1,179	-	6,429	-	7,608
OCEAN PERCH:						
ATLANTIC.	-	-	-	308	-	308
PACIFIC	-	-	-	7	-	7
OCEAN POUT.	-	-	-	4,658	-	4,658
POLLOCK	-	5	-	-	-	5
RATFISH	-	-	-	10	-	10
ROCKFISHES.	20	-	179	-	-	199
SABLEFISH	3	-	-	39	-	42
SEA CATFISH	-	-	1,755	-	-	1,755
SEA ROBIN	-	68	-	1,498	-	1,566

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY COMMODITY, 1976 - Continued

SPECIES	ANIMAL FOOD, FRESH AND FROZEN	BAIT, FRESH AND FROZEN	CANNED ANIMAL FOOD	FOR REDUCTION	OTHER	TOTAL
FISH			THOUSAND POUNDS			
SEA TROUT OR WEAKFISH, WHITE	-	-	3,869	116	-	3,985
SHARKS, UNCLASSIFIED. . . .	-	50	-	14	-	64
SILVERSIDES	-	34	-	-	-	34
SKATES.	20	60	-	1,623	-	1,703
SPANISH SARDINES.	-	1,400	-	-	-	1,400
SPOT.	587	717	15,074	116	-	16,494
SUCKERS	89	-	-	-	-	89
TENPOUNDER.	-	1,320	-	-	-	1,320
TOMCOD.	3	-	-	-	-	3
TUNA, SKIPJACK.	-	-	1,243	-	-	1,243
TURBOT.	10	-	-	-	-	10
WHITING	-	-	-	999	-	999
UNCLASSIFIED.	1,486	9,707	9,802	19,478	-	40,473
TOTAL FISH.	22,471	87,335	133,329	2,351,020	-	2,594,155
SHELLFISH ET AL.						
CRABS, BLUE, SOFT AND PEELER	-	347	-	-	-	347
HORSESHOE CRABS	-	23	-	2,000	-	2,023
SAND SHRIMP	-	13	-	-	-	13
SHRIMP.	645	1,390	-	-	-	2,035
CLAMS:						
RAZOR	-	5	-	-	-	5
SURF.	45	1,228	-	-	-	1,273
MUSSELS, SEA.	-	23	-	-	-	23
MUSSEL SHELLS, FRESHWATER .	-	-	-	-	3,107	3,107
SQUID	347	3,290	-	-	-	3,637
IRISH MOSS.	-	-	-	-	5,200	5,200
SPONGES	-	-	-	-	22	22
BLOODWORMS.	-	532	-	-	-	532
SANDWORMS	-	761	-	-	-	761
TOTAL SHELLFISH ET AL. .	1,037	7,612	-	2,000	8,329	18,978
GRAND TOTAL.	23,508	94,947	133,329	2,353,020	8,329	2,613,133

NOTE:--PARTLY ESTIMATED. LANDINGS OF BALLYHOO, ATLANTIC CROAKER, CUTLASSFISH, THREAD HERRING, MENHADEN, OCEAN POUT, SEA CATFISH, SEA ROBIN, WHITE SEA TROUT OR WEAKFISH, SKATES, AND SPOT AS SHOWN IN THIS TABLE EXCEED THE TABULATION ON LANDINGS BY REGION, PAGE 18. IN THAT TABLE, THE EXTRA AMOUNTS ARE INCLUDED WITH UNCLASSIFIED FOR BAIT, REDUCTION, AND ANIMAL FOOD.

MONTHLY LANDINGS AND UTILIZATION OF FISH AND SHELLFISH, 1976

SPECIES	LANDINGS FOR HUMAN FOOD		LANDINGS FOR INDUSTRIAL PRODUCTS 1/		TOTAL	
	MILLION POUNDS	PERCENT	MILLION POUNDS	PERCENT	MILLION POUNDS	PERCENT
JANUARY	127	4.6	56	2.1	183	3.3
FEBRUARY.	134	4.8	20	.8	154	2.8
MARCH	229	8.3	39	1.5	268	5.0
APRIL	195	7.0	144	5.5	339	6.3
MAY	243	8.7	225	8.6	468	8.7
JUNE.	268	9.6	387	14.8	655	12.3
JULY.	332	12.0	517	19.8	849	15.8
AUGUST.	360	13.0	477	18.3	837	15.5
SEPTEMBER	321	11.6	368	14.1	689	12.8
OCTOBER	238	8.6	163	6.2	401	7.4
NOVEMBER.	188	6.8	129	4.9	317	5.9
DECEMBER.	140	5.0	88	3.4	228	4.2
TOTAL	2,775	100.0	2,613	100.0	5,388	100.0

1/ USED FOR MEAL, OIL, SOLUBLES, BAIT, ANIMAL FOOD, AND OTHER NONHUMAN FOOD PRODUCTS.

GENERAL REVIEW

RELATIVE VOLUME OF THE LANDINGS, BY SPECIES, 1976

SPECIES	QUANTITY	PERCENT OF TOTAL	RECORD LANDINGS AND YEAR	
	THOUSAND POUNDS	PERCENT	YEAR	THOUSAND POUNDS
MENHADEN	2,039,625	37.9	1962	2,347,944
TUNA	490,567	9.1	1976	490,567
SHRIMP	406,415	7.6	1976	406,415
CRABS	346,497	6.4	1966	372,425
SALMON	310,088	5.8	1936	643,700
ANCHOVIES	263,515	4.9	1975	329,356
FLOUNDERS	169,389	3.2	1965	180,121
HERRING:				
ATLANTIC	43,466	0.8	1902	200,589
PACIFIC	110,517	2.1	1937	263,200
TOTAL HERRING	153,983	2.9	-	-
INDUSTRIAL FISH 1/	151,289	2.8	1965	265,438
CLAM	82,532	1.5	1974	121,693
COD:				
ATLANTIC	56,029	1.0	1880	294,351
PACIFIC	12,939	0.2	1915	32,681
TOTAL COD	68,968	1.2	-	-
OYSTERS	54,395	1.0	2/ 1908	152,046
ALEWIVES	53,724	.9	1967	101,127
WHITING	47,686	.9	1957	133,041
JACK MACKEREL	44,893	.8	1952	146,522
ROCKFISHES	44,276	.8	1945	57,686
OCEAN PERCH:				
ATLANTIC	32,143	.6	1951	258,320
PACIFIC	5,358	.1	1965	28,352
TOTAL COD	37,501	.7	-	-
MACKERELS	31,635	.6	(3)	(3)
CATFISH AND BULLHEADS	31,538	.6	1971	39,363
LOBSTER, AMERICAN	31,403	.6	1970	34,152
CROAKER, ATLANTIC	31,020	.6	1945	64,668
SQUID	28,854	.5	1946	40,266
MULLETS	27,249	.5	1902	43,385
POLLOCK	24,313	.5	1938	40,694
CARP	23,944	.5	1908	43,659
BUFFALOFISH	22,250	.4	1973	26,110
SEA TROUT OR WEAKFISH, GRAY	20,877	.4	1945	41,420
SCALLOPS, SEA	19,853	.4	1961	27,461
HALIBUT	18,283	.3	1915	66,696
HERRING, THREAD	18,064	.3	1972	22,312
SABLEFISH	17,587	.3	1975	19,278
SCUP OR PORGY	16,688	.3	1960	49,229
HADDOCK	12,796	.2	1929	293,809
SEA URCHINS	12,686	.2	1976	12,686
BLUEFISH	10,622	.2	4/ 1897	22,673
SMELT	9,242	.2	1958	13,303
HAKE, WHITE	9,110	.2	1898	39,824
BONITO	9,086	.2	1975	32,199
CRAWFISH, FRESHWATER	8,286	.2	1975	11,849
GROUPERS	7,898	.2	1965	9,570
LINGCOD	7,833	.2	1944	14,262
SNAPPERS, RED	7,792	.1	1902	23,457
SEA TROUT OR WEAKFISH, SPOTTED	7,128	.1	1936	8,800
SHARKS, GRAYFISH	7,034	.1	1976	7,034
STRIPED BASS	6,536	.1	1973	14,779
SHEEPSHEAD, FRESHWATER	6,512	.1	1959	13,644
LOBSTER, SPINY	5,643	.1	1972	12,215
DRUM, RED	5,611	.1	1976	5,611
SPOT	5,574	.1	1952	15,863
WHITEFISH, COMMON	5,428	.1	1976	5,428
IRISH MOSS	5,200	.1	1968	7,300
ALL OTHER	108,809	2.0	-	-
TOTAL	5,387,727	100.0	-	-

1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.
2/ FIRST YEAR IN WHICH AN OYSTER SURVEY WAS MADE IN ALL REGIONS.
3/ DATA NOT AVAILABLE.
4/ INCLUDES DATA ON NEW ENGLAND LANDINGS IN 1898.

GENERAL REVIEW

RELATIVE VALUE OF THE LANDINGS, BY SPECIES, 1976

SPECIES	VALUE	PERCENT OF TOTAL	RECORD VALUE AND YEAR	
	THOUSAND DOLLARS	PERCENT	YEAR	THOUSAND DOLLARS
SHRIMP	331,072	24.5	1976	331,072
SALMON	190,979	14.2	1976	190,979
TUNA	151,406	11.2	1976	151,406
CRABS	134,474	10.0	1976	134,474
MENHADEN	67,196	5.0	1973	75,120
CLAMS	64,336	4.8	1976	64,336
OYSTERS	54,363	4.0	1976	54,363
FLOUNDERS	52,372	3.9	1976	52,372
LOBSTERS, AMERICAN	51,911	3.8	1976	51,911
SCALLOPS, SEA	34,985	2.6	1976	34,985
HALIBUT	21,984	1.6	1976	21,984
COD:				
ATLANTIC	14,626	1.1	1976	14,626
PACIFIC	1,722	.1	1976	1,722
TOTAL COD	16,348	1.2	1976	16,348
CATFISH AND BULLHEADS	10,960	.8	1974	11,779
LOBSTER, SPINY	9,260	.7	1974	13,766
HERRING, SEA:				
ATLANTIC	4,362	.3	1976	4,362
PACIFIC	3,869	.3	1973	4,006
TOTAL HERRING	8,231	.6	-	-
MACKERELS	7,496	.6	(1)	(1)
SNAPPERS, RED	6,894	.5	1976	6,894
ANCHOVIES	6,630	.5	1974	14,735
SWORDFISH	6,309	.5	1975	7,231
ROCKFISHES	6,256	.5	1976	6,256
HADDOCK	5,567	.4	1966	13,943
OCEAN PERCH:				
ATLANTIC	4,397	.3	1951	12,597
PACIFIC	633	.1	1965	1,334
TOTAL OCEAN PERCH	5,030	.4	-	-
BUFFALOFISH	4,686	.3	1975	5,090
INDUSTRIAL FISH 2/	4,304	.3	1976	4,304
WHITEFISH, COMMON	4,169	.3	1976	4,169
MULLETS	4,096	.3	1945	4,647
WHITING	3,983	.3	1976	3,983
STRIPED BASS	3,797	.3	1975	4,149
CROAKER, ATLANTIC	3,740	.3	1945	6,958
GROUPERS	3,735	.3	1976	3,735
SCUP OR PORGY	3,557	.3	1975	3,628
POLLOCK	3,285	.2	1976	3,285
SEA TROUT OR WEAKFISH, SPOTTED	3,151	.2	1976	3,151
SCALLOPS, BAY	3,007	.2	1971	3,846
YELLOW PERCH	2,764	.2	1976	2,764
CRAWFISH, FRESHWATER	2,734	.2	1975	3,593
SEA TROUT OR WEAKFISH, GRAY	2,654	.2	1945	4,246
SQUID	2,357	.2	1974	2,455
SABLEFISH	2,293	.2	1975	2,615
JACK MACKEREL	2,080	.2	1945	2,648
POMPANO	1,971	.1	1976	1,971
DRUM, RED	1,810	.1	1976	1,810
SCALLOPS, CALICO	1,621	.1	1976	1,621
CARP	1,542	.1	1951	2,001
SEA BASS, BLACK (ATLANTIC)	1,505	.1	1952	5,206
ABALONE	1,455	.1	1976	1,455
BLOODWORMS	1,256	.1	1975	1,779
BONITO	1,254	.1	1975	4,149
HAKE, WHITE	1,196	.1	1976	1,196
CHUBS	1,186	.1	1974	2,835
SEA URCHINS	1,156	.1	1976	1,156
BLUEFISH	1,127	.1	1973	1,173
ALL OTHER	27,841	2.0	-	-
TOTAL	1,349,371	100.0	-	-

1/ DATA NOT AVAILABLE.
2/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.

GENERAL REVIEW

SEED OYSTER FISHERY, 1976

ITEM	NEW ENGLAND, CONNECTICUT		MIDDLE ATLANTIC, DELAWARE		CHESAPEAKE, VIRGINIA		TOTAL	
	NUMBER							
OPERATING UNITS								
FISHERMEN:								
ON VESSELS.	-		82		302		384	
ON BOATS AND SHORE:								
REGULAR	137		-		138		275	
CASUAL.	-		-		5		5	
TOTAL	137		82		445		664	
VESSELS, MOTOR.	-		7		63		70	
GROSS TONNAGE	-		292		497		789	
BOATS, MOTOR.	76		-		43		119	
GEAR:								
DREDGES, COMMON	76		14		14		104	
TONGS	-		-		226		226	
SHOVELS	-		-		53		53	
LANDINGS	U.S. BUSHELS	U.S. DOLLARS	U.S. BUSHELS	U.S. DOLLARS	U.S. BUSHELS	U.S. DOLLARS	U.S. BUSHELS	U.S. DOLLARS
OYSTERS, SEED:								
PUBLIC:								
SPRING.	15,933	62,354	24,425	34,195	302,170	564,673	342,528	661,222
FALL.	18,705	73,198	-	-	228,921	344,150	247,626	417,348
PRIVATE:								
SPRING.	-	-	-	-	87,728	84,496	87,728	84,496
FALL.	-	-	-	-	33,313	32,585	33,313	32,585
TOTAL	34,638	135,552	24,425	34,195	652,132	1,025,904	711,195	1,195,651

NOTE:--SOME OF THE FISHERMEN ENGAGED IN HARVESTING SEED OYSTERS ALSO FISHED FOR MARKET OYSTERS OR OTHER SPECIES.

GENERAL REVIEW

U.S. LANDINGS, 1976 - LIVE WEIGHT BASIS

In the annual digest it has been the practice of NMFS to show the landings of univalve and bivalve mollusks on the basis of the weight of meats. Insofar as possible, all other fish and shellfish items are shown on a live weight basis.

Since world fishery statistics published by the Food and Agriculture Organization of the United Nations represent the live weight of landings of all items of fish and shellfish, it has been necessary to provide that organization with information on domestic landings of all species on a live weight basis. Data released by the Food and Agriculture Organization, therefore, indicate that U.S. landings in 1976 were 1.2 billion pounds greater than the figure appearing in NMFS publications. The increase is due to the inclusion of the weight of the shells of univalve and bivalve mollusks in the Food and Agriculture Oganization data.

Data are included in the report showing the entire domestic landings on a live weight basis. Information is also included on landings of fishery products in the principal countries of the world so that the relative importance of the domestic fisheries can be determined. Tables containing these data follow:

U.S. LANDINGS, 1976 - LIVE WEIGHT BASIS

SPECIES	THOUSAND POUNDS	THOUSAND DOLLARS
FISH	4,370,844	651,998
SHELLFISH ET AL.:		
UNIVALVE AND BIVALVE MOLLUSKS:		
ABALONE	1,734	1,455
CLAMS:		
COCKLE	(1)	(1)
GEODUCK	5,312	938
HARD	107,883	25,752
OCEAN QUAHOG	44,809	1,617
RAZOR	368	286
SOFT	47,596	12,332
SURF	225,205	23,367
MIXED	477	44
TOTAL CLAMS	431,650	64,336
CONCHS	3,942	309
LIMPETS	13	25
MUSSELS:		
SEA	8,809	527
FRESHWATER	3,418	595
OYSTERS, MARKET	738,250	54,363
PERIWINKLES AND COCKLES	160	36
SCALLOPS:		
BAY	13,024	3,007
CALICO	48,537	1,621
SEA	86,811	34,985
TOTAL UNIVALVE AND BIVALVE MOLLUSKS	1,336,348	161,259
CRUSTACEANS	800,412	529,531
OTHER	49,372	6,583
TOTAL SHELLFISH ET AL.	2,186,132	697,373
GRAND TOTAL	6,556,976	1,349,371

1/ LESS THAN 500 POUNDS AND $500.

WORLD LANDINGS OF FISH, CRUSTACEANS, MOLLUSKS, ET AL. BY COUNTRIES, 1976

World landings of fish, crustaceans, mollusks, and other aquatic organisms (live weight) were a record 158.9 billion pounds—an increase of 3 percent over 1975.

Six countries accounted for 50 percent of the world landings—Japan led with 14.8 percent; followed by the U.S.S.R., 14.1 percent; China, 6.4 percent; Peru, 6.0 percent; Norway, 4.7 percent; and the United States, 4.1 percent.

Among the continents, Asia led with 41.9 percent of the world landings; followed by Europe with 18.7 percent; the U.S.S.R., 14.1 percent; South America, 10.1 percent; North and Central America, 7.6 percent; Africa, 6.0 percent; and Oceania, 0.4 percent.

WORLD LANDINGS OF FISH, CRUSTACEANS, MOLLUSKS, ET AL. BY COUNTRIES, 1976

COUNTRIES	THOUSAND METRIC TONS	BILLION POUNDS	PERCENT
	LIVE WEIGHT		
JAPAN	10,662	23.50	14.8
U.S.S.R.	10,134	22.34	14.1
CHINA, MAINLAND	1/ 4,600	10.14	6.4
PERU	4,343	9.57	6.0
NORWAY	3,416	7.53	4.7
UNITED STATES	2/ 2,974	6.56	4.1
REPUBLIC OF KOREA	2,405	5.30	3.3
INDIA	2,174	4.79	3.0
DENMARK	1,912	4.22	2.7
THAILAND	1,660	3.66	2.3
NORTH KOREA	1,600	3.53	2.2
INDONESIA	1,483	3.27	2.1
SPAIN	1,475	3.25	2.0
CHILE	1,409	3.11	2.0
PHILIPPINES	1,393	3.07	1.9
CANADA	1,133	2.50	1.6
VIETNAM	1/ 1,014	2.24	1.4
ICELAND	992	2.19	1.4
BANGLADESH	826	1.82	1.2
FRANCE	806	1.78	1.1
POLAND	750	1.65	1.0
BRAZIL	659	1.45	0.9
REPUBLIC OF SOUTH AFRICA	640	1.41	0.9
NAMIBIA (S.W. AFRICA)	1/ 574	1.26	0.8
MEXICO	572	1.26	0.8
ENGLAND AND WALES	520	1.15	0.7
MALAYSIA	517	1.14	0.7
SCOTLAND	503	1.11	0.7
BURMA	502	1.11	0.7
NIGERIA	497	1.10	0.7
FEDERAL REPUBLIC OF GERMANY	454	1.00	0.6
ITALY	420	.92	0.6
SENEGAL	362	.80	0.5
FAEROE ISLANDS	342	.75	0.5
ECUADOR	315	.69	0.4
NETHERLANDS	285	.63	0.4
ARGENTINA	281	.62	0.4
ALL OTHERS	7,509	16.50	10.4
TOTAL	72,113	158.92	100.0

1/ DATA ESTIMATED BY FAO.
2/ INCLUDES THE WEIGHT OF CLAMS, OYSTERS, SCALLOPS, AND OTHER MOLLUSK SHELLS.
NOTE:--STATISTICS FOR MARICULTURE, AQUACULTURE, AND OTHER KINDS OF FISH FARMING, SEAWEED HARVESTING, ETC., ARE INCLUDED IN COUNTRY TOTALS. STATISTICS ON QUANTITIES CAUGHT BY RECREATIONAL FISHERMEN ARE EXCLUDED.
SOURCE:--FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS (FAO), YEARBOOK OF FISHERY STATISTICS, 1978, VOL. 46.

GENERAL REVIEW

PROCESSED FISHERY PRODUCTS, 1976

Fishery products (fresh and frozen, canned, cured, and industrial) processed in the United States, American Samoa, and Puerto Rico were worth $3.5 billion in 1976. Fresh and frozen items were 50 percent of the total value; canned, 41 percent; cured, 3 percent; and industrial, the remaining 6 percent. The Pacific Coast States accounted for $1.1 billion or about 33 percent of the total value of all processed fishery products. The Gulf Coast States ranked second with $662.6 million or 19 percent, and the New England States, third, with $467.0 million or 13 percent. California was the leading State for processed fishery products with $616.2 million, followed by Alaska with $384.7 million and Puerto Rico with $364.7 million. Canned tuna was by far the most important fishery product in both California and Puerto Rico, and salmon the most important in Alaska.

The value of fresh and frozen processed products, mainly fillets, steaks, fish sticks and fish portions, and breaded shrimp, was $1.8 billion in 1976 compared with $1.3 billion in 1975. The 1976 U.S. production of raw (uncooked) fish fillets and steaks was 142.6 million pounds valued at $167.1 million, up 8 percent in quantity and 21 percent in value, compared with 131.9 million pounds and $137.9 million in 1975. Fillets of flounder, the most important item among fillets and steaks, reached 48.2 million pounds, up 15 percent over the 42.0 million pounds in 1975. The production of groundfish fillets and steaks, cod, cusk, haddock, hake, Atlantic ocean perch, and Atlantic pollock was 40.6 million pounds compared with the 36.8 million pounds in 1975. The production of sea herring fillets, which ranked third after flounder and cod, has grown steadily in recent years; almost all herring fillets are exported to Europe.

The combined production of fish sticks and fish portions was 439.0 million pounds valued at $359.4 million in 1976, up 13 percent in quantity and 29 percent in value over 1975. The 344.8 million pounds of fish portions set a new record, exceeding the 1975 production of 295.6 million pounds by 17 percent. The 1976 production of breaded shrimp in 65 plants was 95.9 million pounds valued at $203.0 million, compared with 98.0 million pounds valued at $176.7 million produced by 67 plants in 1975. Breaded, raw and cooked fillets, fish cakes, dinners, cooked crab meat, raw headless shrimp, and shucked oysters and clams made up the remaining value in the fresh and frozen category.

The 1976 pack of canned fishery products in the United States, American Samoa, and Puerto Rico was 54.8 million standard cases (1.6 billion pounds), valued at $1.4 billion—increases of 5.9 million standard cases (12 percent) and $351.4 million (33 percent) over the 1975 pack. Included in the 1976 total were 41.1 million standard cases (904.5 million pounds) for human consumption and 13.8 million standard cases (660.7 million pounds) for bait and animal food. The largest increases were in the packs of canned tuna, up 3.5 million standard cases; natural salmon, up 1.1 million standard cases; and animal food up 1.6 million standard cases. The packs of shrimp and crab meat were larger, but the packs of mackerel, Maine sardines, tunalike fish, and clams were smaller.

Cured production was 50.7 million pounds valued at $101.9 million in 1976, compared to 55.4 million pounds and $101.6 million in 1975. Salted and pickled products in 1976 were 27.7 million pounds and $40.0 million; smoked, 21.7 million pounds and $59.0 million; and sun-dried, 617,000 pounds and $2.2 million. All types of cured products increased in value; salted and pickled and sun-dried was up 16 percent and smoked up 6 percent compared with the 1975 values.

The value of industrial fish products (including sealskins, and other further processed items) was $184.8 million in 1976, compared to $173.4 million in 1975. The production of fish meal in 1976 was 309,694 tons, 19,263 more than the 290,431 tons in 1975. The production of fish oil was 204.6 million pounds valued at $31.2 million—41.1 million pounds and $1.4 million less than the 245.7 million pounds and $32.6 million in 1975. Domestic production of fish solubles in 1976 was 133,107 tons valued at $14.3 million—5,257 tons and $5.5 million more than the 127,850 tons and the $8.8 million in 1975.

A total of 3,617 wholesaling and processing establishments reported selling or processing fishery products in 1976, compared with 3,606 in 1975. Fishery products were processed by 1,624 firms in 1976—a decline of 76 firms when compared with 1,700 in 1975. Peak monthly employment for all firms in 1976 was 93,609 compared with 92,310 in 1975. Average monthly employment was 71,696 in 1976 compared with 71,006 in 1975. Peak monthly employment in fish processing was 79,679 in 1976 and 78,973 in 1975. Average monthly employment was 60,379 in 1976 compared with 60,281 in 1975.

GENERAL REVIEW

SUMMARY OF PROCESSED PRODUCTS, 1976

Item	Unit	Quantity	Dollars
		Thousands	Thousands
Fresh	Pounds	255,532	400,373
Frozen	do	1,002,855	1,375,089
Canned	Standard cases	54,825	1,418,514
Cured	Pounds	50,745	101,935
Industrial			192,930
Total			3,488,841

VALUE OF PROCESSED PRODUCTS, BY STATES, 1976

State or area	Thousand dollars
New England:	
Maine	99,817
New Hampshire	40,913
Massachusetts	320,423
Rhode Island	5,147
Connecticut	668
Total	466,968
Middle Atlantic:	
New York	81,618
New Jersey	89,303
Pennsylvania	72,329
Delaware	24,143
Total	267,393
Chesapeake:	
Maryland	128,411
Virginia	98,191
Total	226,602
South Atlantic:	
North Carolina	29,537
South Carolina	10,018
Georgia	48,580
Florida East Coast	38,523
Total	126,658
Gulf:	
Florida West Coast	172,498
Alabama	73,137
Mississippi	73,734
Louisiana	191,316
Texas	151,212
Total	661,897

State or area	Thousands dollars
Pacific:	
Alaska	384,698
Washington	77,644
Oregon	66,470
California	616,153
Total	1,144,965
Inland Areas:	
Great Lakes:	
New York and Pennsylvania	370
Ohio	50,634
Michigan	1,917
Illinois	14,944
Wisconsin	5,084
Minnesota	979
Total	73,928
Mississippi River:	
Aabama and Arkansas	3,690
Colorado and Idaho	21,990
Illinois	902
Iowa	859
Kansas, Kentucky, and Oklahoma	935
Louisiana	2,324
Minnesota	1,785
Mississippi	10,519
Missouri, North Dakota, and South Dakota	9,468
Tennessee, Texas, and Utah	3,127
Wisconsin	10,528
Total	66,127
Other:	
Hawaii and American Samoa	89,646
Puerto Rico	364,657
Total	454,303
Grand total	3,488,841

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1976

Region or area	Processing		
	Plants	Employment average	
		Season	Year
	Number		
New England	230	9,291	7,175
Mid-Atlantic	95	4,252	3,667
Chesapeake	227	9,343	7,029
South Atlantic	155	5,761	4,519
Gulf	356	13,590	10,399
Pacific	398	25,988	17,723
Inland Areas:			
Great Lakes	63	1,394	1,167
Mississippi River	71	1,568	1,239
Hawaii and American Samoa	24	1,765	1,483
Puerto Rico	5	6,727	5,978
Total	1,624	79,679	60,379

Region	Wholesale		
	Plants	Employment average	
		Season	Year
	Number		
New England	273	1,605	1,307
Middle Atlantic	300	2,465	2,192
Chesapeake	146	841	707
South Atlantic	367	1,694	1,176
Gulf	370	2,419	1,746
Pacific	146	2,255	1,711
Inland Areas:			
Great Lakes	92	1,038	963
Mississippi River	285	1,430	1,332
Hawaii	14	183	183
Total	1,993	13,930	11,317

Region	Total		
	Plants	Employment average	
		Season	Total
	Number		
New England	503	10,896	8,482
Middle Atlantic	395	6,717	5,859
Chesapeake	373	10,184	7,736
South Atlantic	522	7,455	5,695
Gulf	726	16,009	12,145
Pacific	544	28,243	19,434
Inland Areas:			
Great Lakes	155	2,432	2,130
Mississippi River	356	2,998	2,571
Hawaii and American Samoa	38	1,948	1,666
Puerto Rico	5	6,727	5,978
Grand total	3,617	93,609	71,696

Note:--Data has been estimated in some Mississippi River States, and for the State of Alaska. Employment is reported by each month for the payroll period that includes the 12th of the month. Employment for the season is based on the greatest number of employees working during the payroll period that included the 12th of each month. Employment for the year is obtained by adding the number of employees recorded as working during the payroll period that included the 12th of each month, and dividing by 12.

PROCESSED FISHERY PRODUCTS, 1976

Item	Unit	Quantity	Dollars
		Thousands	
Alewives:			
Frozen for bait	Pounds	1,758	134
Canned:			
Fish	Standard cases	4	98
Roe	do	5	249
Animal food	do	1,535	13,683
Salted	Pounds	3,587	906
Smoked	do	(1)	(1)
Meal and scrap	Tons	(1)	(1)
Oil	Pounds	(1)	(1)
Amberjack, sun dried	do	(1)	(1)
Anchovies:			
Frozen for bait	do	813	211
Canned:			
Natural	Standard cases	(1)	(1)
Paste	do	4	192
Meal and scrap	Tons	22	6,080
Oil	Pounds	5,334	643
Anglerfish, fresh and frozen fillets	do	223	134
Bigeye scad, sun dried	do	(1)	(1)
Ballyhoo, fresh for bait	do	(1)	(1)
Baraccuda, smoked	do	(1)	(1)
Bluefish, fresh and frozen fillets	do	176	136
Bonefish:			
Fresh, steamed with vegetables	do	(1)	(1)
Salted	do	(1)	(1)
Buffalofish:			
Fresh and frozen fillets	do	60	30
Smoked	do	(1)	(1)
Bullheads, frozen dressed and skinned	do	(1)	(1)
Butterfish:			
Fresh:			
Fillets	do	(1)	(1)
Steamed with vegetable	do	(1)	(1)
Smoked	do	43	101
Carp:			
Fresh and frozen fillets	do	2,234	954
Smoked	do	44	32
Meal and scrap	Tons	(1)	(1)
Oil	Pounds	(1)	(1)
Catfish:			
Fresh and frozen:			
Dressed and skinned:			
Wild	do	3,542	3,260
Pond raised	do	12,008	14,574
Steaks	do	(1)	(1)
Breaded cooked fillets	do	(1)	(1)
Canned stews	Standard cases	(1)	(1)
Smoked	Pounds	(1)	(1)
Chubs, smoked	do	2,727	5,683
Cod:			
Fresh and frozen:			
Fillets:			
Raw	do	16,578	19,023
Breaded raw and cooked	do	788	725
Formed pressed	do	(1)	(1)
Steaks, raw	do	129	104
Paste and fish, cooked	do	(1)	(1)
Breaded, raw and cooked, cakes, croquettes, and cutlets	do	465	438
Canned cakes	Standard cases	(1)	(1)
Salted, bites, fillets, fish, et al.	Pounds	128	106
Smoked	do	120	180
Sun dried	do	(1)	(1)
Lutefisk	do	717	680
Oil, liver	do	(1)	(1)

See footnotes at end of table.

(Continued on nest page)

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Quantity	Dollars
		Thousands	
Crappie, fresh fillets	Pounds	(1)	(1)
Cusk, fresh and frozen fillets	do	1,789	1,791
Dolphin, fresh and frozen fillets	do	(1)	(1)
Drum, red, fresh fillets	do	19	14
Eels:			
Frozen, dressed and skinned	do	(1)	(1)
Smoked	do	51	135
Flounders, fresh and frozen:			
Fillets:			
Raw	do	48,227	72,466
Breaded, raw and cooked	do	817	1,013
Form pressed	do	(1)	(1)
Steaks, breaded raw	do	(1)	(1)
Casseroles, dinners and fish cooked	do	1,434	1,827
Breaded, raw stuffed	do	2,530	3,735
Gizzard shad, frozen for bait	do	(1)	(1)
Goatfish, sun dried	do	(1)	(1)
Groupers, fresh and frozen:			
Fillets:			
Raw	do	367	637
Breaded raw	do	(1)	(1)
Steaks	do	(2)	(2)
Breaded, raw croquettes	do	(1)	(1)
Haddock:			
Fresh and frozen:			
Fillets:			
Raw	do	9,664	17,186
Breaded, raw and cooked	do	644	752
Form pressed	do	(1)	(1)
Cooked au gratins, casseroles and dinners	do	554	594
Canned, finnan haddies	Standard cases	(1)	(1)
Smoked, finnan haddies	Pounds	(1)	(1)
Hake:			
Fresh and frozen fillets	do	1,428	1,062
Salted	do	(1)	(1)
Smoked	do	(1)	(1)
Halibut:			
Fresh and frozen:			
Fillets:			
Raw	do	165	291
Breaded and cooked	do	(1)	(1)
Cheeks	do	1,889	2,567
Steaks:			
Raw	do	3,030	7,118
Breaded raw	do	(1)	(1)
Smoked	do	291	360
Oil, liver	do	(1)	(1)
Herring:			
Lake:			
Fresh and frozen fillets	do	11	9
Salted	do	(1)	(1)
Smoked	do	224	133
Sea:			
Fresh and frozen:			
Headed and dressed	do	(1)	(1)
For bait	do	6,545	916
Roe	do	2,104	1,936
Eggs on kelp	do	181	351
Fillets	do	14,174	3,695
Canned:			
Maine sardines	Standard cases	1,067	24,478
Spreads, tid bits and fish	do	139	6,473
Salted:			
Fish and fillets	Pounds	16,551	19,324
Roe	do	579	1,782
Eggs on kelp	do	203	330
Cured and refrigerated, in wine and cream sauces	do	(1)	(1)

See footnotes at end of table.

(Continued on next page)

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Quantity	Dollars
		Thousands	
Herring - Continued:			
Sea - Continued:			
Smoked	Pounds	468	425
Meal and scrap	Tons	4	1,620
Oil	Pounds	2,075	356
Solubles	Tons	(1)	(1)
Pearl essence			3,439
Thread:			
Meal and scrap	Tons	(1)	(1)
Oil	Pounds	(1)	(1)
King mackerel:			
Frozen:			
For bait	do	(1)	(1)
Fillets and steaks	do	2,846	2,559
Smoked	do	(1)	(1)
Lake trout:			
Fresh and frozen fillets	do	239	429
Canned spreads	Standard cases	(1)	(1)
Smoked	Pounds	44	85
Lingcod:			
Fresh and frozen:			
Fillets, raw	do	1,584	1,243
Breaded raw cutlets	do	(1)	(1)
Smoked	do	(1)	(1)
Lumpfish, canned caviar	Standard cases	(1)	(1)
Mackerel:			
Atlantic, fresh fillets and steaks	Pounds	22	9
Jack:			
Frozen for bait	do	(1)	(1)
Canned, natural	Standard cases	148	2,085
Smoked	Pounds	(2)	(2)
Meal and scrap	Tons	(3)	(3)
Pacific, sun dried	Pounds	(1)	(1)
Scad, sun dried	do	(1)	(1)
Marlin, smoked	do	4	3
Menhaden:			
Meal and scrap	Tons	213	72,746
Oil	Pounds	186,400	28,910
Solubles	Tons	95,313	10,927
Mooneye, smoked	Pounds	(1)	(1)
Mullet:			
Fresh and frozen:			
Roe	do	21	42
Fillets	do	345	166
Split for curing	do	(1)	(1)
Salted:			
Roe	do	5	9
Fish and fillets	do	161	46
Smoked	do	(1)	(1)
Ocean perch:			
Atlantic:			
Fillets:			
Raw	do	9,437	8,086
Breaded, raw and cooked	do	1,649	1,507
Form pressed	do	(1)	(1)
Cooked dinners	do	(1)	(1)
Pacific, fresh and frozen fillets	do	1,667	1,432
Ocean pout, fresh fillets	do	(1)	(1)
Paddlefish, smoked	do	(1)	(1)
Perch, Pacific, smoked	do	(1)	(1)
Pike or pickerel, fresh and frozen fillets	do	43	43

See footnotes at end of table.

(Continued on next page)

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Quantity	Dollars
		Thousands	
Pollock:			
Atlantic:			
Fresh and frozen:			
Fillets:			
Raw	Pounds	6,539	4,477
Breaded raw	do	(1)	(1)
Steads, raw	do	(4)	(4)
Salted	do	35	21
Smoked	do	(1)	(1)
Pacific, fresh and frozen:			
Fillets, breaded raw and cooked	do	(1)	(1)
Cooked cakes	do	650	851
Pompano, frozen fillets	do	(1)	(1)
Rockfishes:			
Fresh and frozen:			
Fillets	do	7,695	5,354
Breaded, raw and cooked, cakes and cutlets	do	175	264
Smoked	do	(1)	(1)
Sablefish:			
Fresh and frozen fillets	do	599	348
Salted:			
Fish	do	281	249
In bean curd	do	(1)	(1)
In wine curd	do	37	69
Smoked	do	2,576	4,324
Salmon:			
Fresh and frozen:			
Fillets	do	994	1,594
Steaks	do	3,273	7,012
Eggs for food	do	4,603	14,915
Breaded raw cutlets	do	(1)	(1)
Canned:			
Chinook or king	Standard cases	47	3,894
Chum or keta	do	376	20,501
Pink	do	1,145	74,634
Red or sockeye	do	985	88,973
Silver or coho	do	58	4,855
Total	do	2,611	192,857
Roe	do	8	451
Smoked	do	2	518
Caviar	do	1	553
Spreads, in sauces and smoked paste	do	1	36
Animal food	do	(1)	(1)
Eggs for bait	do	12	2,116
Salted:			
Salted and pickled	Pounds	273	383
Caviar	do	2,067	7,263
Mild cured	do	1,896	7,508
With vegetables	do	14	26
In bean curd	do	(1)	(1)
Eggs for bait	do	78	230
Smoked	do	10,684	40,095
Ground for animal food	Tons	(1)	(1)
Sauger, fresh and frozen:			
Fillets:			
Raw	Pounds	173	421
Breaded raw	do	34	83
Sea bass:			
Fresh and frozen fillets	do	56	67
Smoked	do	(1)	(1)
Sea trout, fresh and frozen:			
Fillets	do	375	313
Steaks	do	(1)	(1)
Shad:			
Fresh:			
Roe	do	(1)	(1)
Fillets	do	(1)	(1)
Canned:			
Roe	Standard cases	(1)	(1)
Smoked	do	(1)	(1)
Smoked	Pounds	104	150

(Continued on next page)

See footnotes at end of table.

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Quantity	Dollars
		Thousands	
Shark:			
Fresh and frozen fillets	Pounds	1,662	629
Smoked	do	(1)	(1)
Oil	do	(1)	(1)
Leathers	-	-	(1)
Smelt:			
Frozen, breaded and cooked	Pounds	(1)	(1)
Smoked	do	43	33
Snappers, fresh and frozen:			
Red:			
Fillets	do	676	1,644
Steaks	do	(1)	(1)
Unclassified	do	(1)	(1)
Spanish mackerel, fresh and frozen fillets	do	1,078	754
Spot, salted and split	do	(1)	(1)
Striped bass, fresh fillets	do	(1)	(1)
Sturgeon:			
Fresh fillets	do	(1)	(1)
Canned:			
Caviar	Standard cases	1	1,665
Smoked	do	1	157
Smoked	Pounds	542	1,667
Suckers:			
Fresh fillets	do	(1)	(1)
Smoked	do	(1)	(1)
Swordfish, fresh and frozen steaks	do	476	1,225
Tautog, fresh fillets	do	(1)	(1)
Tenpounder, fresh breaded cooked cakes	do	(1)	(1)
Tilapia, fresh fillets	do	(1)	(1)
Trout, unclassified, pond raised, fresh and frozen:			
Dressed and or boned	do	14,505	21,493
Fillets:			
Raw	do	(1)	(1)
Breaded raw	do	(1)	(1)
Breaded raw and stuffed or boned	do	(1)	(1)
Tuna:			
Fresh and frozen:			
Steaks	do	12	14
With condiments	do	88	199
Cooked with noodles	do	(1)	(1)
Canned:			
Albacore	Standard cases	5,965	212,869
Lightmeat	do	24,339	640,594
Total	do	30,304	853,463
Spreads, smoked and with noodles	do	6	172
Animal food	do	5,812	113,342
Salted paste	Pounds	(1)	(1)
Smoked	do	64	79
Sun dried	do	94	354
Meal and scrap	Tons	40	8,820
Oil	Pounds	6,340	554
Solubles	Tons	4	457
Tunalike fish (bonito and yellowtail):			
Fresh fillets	Pounds	(1)	(1)
Canned	Standard cases	163	2,941
Smoked	Pounds	11	11
Turbot, fresh and frozen:			
Fillets:			
Raw	do	141	151
Breaded raw	do	(1)	(1)
Steaks	do	(4)	(4)
Cooked casseroles	do	(1)	(1)

See footnotes at end of table.

(Continued on next page)

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Quantity	Dollars
		Thousands	
Wahoo:			
Canned	Standard cases	(1)	(1)
Smoked	Pounds	(1)	(1)
White bass, fresh fillets	do	(1)	(1)
Whitefish:			
Fresh and frozen fillets	do	1,022	1,823
Canned:			
Fish	Standard cases	(1)	(1)
Caviar	do	4	417
Salted	Pounds	(1)	(1)
Smoked	do	2,297	4,329
Whiting:			
Fresh and frozen:			
Head and dressed	do	9,961	3,570
Fillets	do	988	613
Breaded raw	do	(1)	(1)
Smoked	do	1,065	805
Wolfish, fresh and frozen fillets	do	280	220
Yellow perch:			
Fresh and frozen:			
Fillets:			
Raw	do	2,123	5,181
Breaded raw	do	513	1,364
Smoked	do	(1)	(1)
Yellow pike, fresh and frozen fillets:			
Raw	do	647	1,197
Breaded raw	do	268	448
Crab:			
Fresh and frozen:			
Blue:			
Dressed and cleaned	do	34	14
Cooked:			
Meat	do	12,521	51,302
Claws	do	67	238
Gumbos and soups	do	(1)	(1)
Breaded raw and cooked:			
Cakes and patties	do	931	1,759
Deviled	do	4,929	6,978
Mixes	do	281	394
Rolls	do	371	308
Stuffed	do	4,229	5,268
Balls, bites, burgers, croquettes, cutlets, rolls, and sticks	do	171	137
Dungeness, cooked:			
Whole	do	9,817	7,566
Sections	do	450	1,362
Meat	do	2,241	7,954
Cocktails, and in sauces	do	(1)	(1)
King, cooked:			
Whole	Pounds	31,868	63,196
Sections	do	273	614
Meat	do	6,772	36,040
Red, cooked meat	do	(1)	(1)
Rock, cooked meat	do	218	760
Snow, cooked:			
Whole	do	26,617	20,081
Sections	do	591	1,537
Meat	do	3,071	9,322
Stone, cooked claws	do	467	928
Canned:			
Blue and rock	Standard cases	50	2,698
Dungeness	do	3	243
King	do	50	4,418
Snow	do	93	5,805
Bisques, deviled, dips, smoked, soups, and spreads	do	6	228
Meal and scrap	Tons	7	781
Back shells, cleaned and polished			80

(Continued on next page)

See footnotes at end of table.

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Quantity	Dollars
		Thousands	
Crawfish, fresh cooked meat	Pounds	726	2,262
Lobsters:			
Northern:			
Fresh and frozen:			
Cooked:			
Whole	do	81	325
Meat	do	372	3,504
Breaded raw meat	do	53	211
Canned, bisques, dips, deviled, newburgs in sauces, meats, and spreads	Standard cases	4	192
Spiny:			
Fresh and frozen:			
Tails raw	Pounds	2,157	12,336
Cooked:			
Whole	do	1,441	3,209
Meats	do	(1)	(1)
Canned in sauces	Standard cases	(1)	(1)
Shrimp:			
Regular:			
Fresh and frozen:			
Raw:			
Heads on	Pounds	4,080	5,951
Heads off	do	86,879	259,785
Peeled (including deveined):			
Raw	do	33,259	83,092
Cooked	do	29,148	54,613
Breaded, raw and cooked	do	95,923	202,972
Specilaties:			
Cooked:			
Cocktails	do	4,756	7,267
Creoles	do	321	390
Dinners, soups, and whole	do	206	196
Breaded, raw and cooked:			
Burgers	do	386	364
Cakes and patties	do	2,139	2,648
Stuffed	do	1,517	2,938
Balls, croquettes, in sauces, and sticks	do	938	1,233
Canned:			
Regular	Standard cases	2,821	49,759
Bisques, chowders, dips, in sauces, pastes, pickled, soups, and spreads	do	34	1,382
Sun dried	Pounds	459	1,748
Meal and scrap	Tons	2	116
Rock, frozen:			
Raw headless	Pounds	160	174
Split	do	(1)	(1)
Peeled raw meat	do	(1)	(1)
Abalone:			
Fresh and frozen:			
Shucked	Pounds	98	293
Steaks:			
Raw	do	(1)	(1)
Breaded raw	do	(1)	(1)
Canned	Standard cases	(1)	(1)
Clams:			
Fresh and frozen:			
Shucked:			
Hard	Gallons	87	792
Geoduck	do	(1)	(1)
Ocean quahog	do	403	2,625
Soft	Gallons	617	12,028
Surf	do	5,421	49,579
For bait	Pounds	1	1
Cooked, cocktails, chowders, and juices	do	124	189

See footnotes at end of table.

(Continued on next page)

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Quantity	Dollars
		Thousands	
Clams - Continued:			
Fresh and frozen - Continue:			
Breaded, raw and cooked:			
Cakes and patties	Pounds	836	790
Strips	do	17,186	26,950
Burgers, deviled, on half shell, in sauces, and sticks	do	974	1,455
Canned:			
Whole and minced	Standard cases	517	14,815
Chowder and juice	do	1,889	24,483
Bisques, conxommes, dips, in shell, smoked, spreads, and stew bases	do	114	5,634
Shells, cleaned and polished		-	(1)
Ground for animal food	Pounds	(1)	(1)
Conch:			
Fresh and frozen:			
Shucked	Pounds	441	468
Steamed	do	(1)	(1)
In tomato sauce	do	(1)	(1)
Canned, meats and chowder	Standard cases	(1)	(1)
Limpets, fresh shucked	Pound	(1)	(1)
Mussels, sea, shucked	Gallons	(1)	(1)
Octopus:			
Fresh and frozen:			
Raw	Pounds	(1)	(1)
Cooked with condiments	do	(1)	(1)
Smoked	do	(1)	(1)
Oysters:			
Fresh and frozen:			
Eastern:			
Shucked	Gallons	4,805	70,533
Steamed	Pounds	(1)	(1)
Breaded, raw and cooked	do	3,819	6,157
Cooked, pies and stews, breaded raw, stuffed, and breaded raw on the half shell	do	433	468
Pacific:			
Shucked	Gallons	612	6,321
Breaded raw	Pounds	13	16
Western, Shucked	Gallons	2	154
Canned, Eastern and Pacific:			
Regular	Standard cases	166	2,548
Bisques, smoked, stews, and stew bases	do	234	7,356
Shell products, grit and lime	Tons	268	6,085
Scallops, fresh and frozen:			
Shucked:			
Bay	Gallons	132	2,843
Calico	do	204	3,781
Sea	Pounds	12,198	24,998
Cooked dinners	do	(1)	(1)
Breaded, raw and cooked	do	10,326	21,007
Squid:			
Fresh and frozen:			
Natural	Pounds	6,767	1,393
In tomato sauce	do	(1)	(1)
Canned	Standard cases	151	1,725
Sea urchins, fresh roe	Pounds	(1)	(1)
Turtles:			
Frozen meat	do	(1)	(1)
Canned, chowder consomme, and soup	Standard cases	(1)	(1)
Frog legs, frozen:			
Natural	Pounds	(1)	(1)
Breaded raw	do	(1)	(1)
Sealskins, processed		-	4,667

See footnotes at end of table.

(Continued on next page)

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Quantity	Dollars
		Thousands	
Unclassified:			
Fresh and frozen:			
Fish:			
Not breaded:			
Fillets and steaks	Pounds	4,119	3,865
Dressed, or for bait	do	7,396	1,752
Sticks, breaded:			
Raw	do	1,982	1,792
Cooked	do	92,187	71,390
Portions:			
Raw:			
Not breaded	do	29,416	29,312
Breaded	do	174,942	143,708
Breaded, raw and cooked	do	140,465	113,220
Shellfish, natural	do	2,888	7,642
Cooked:			
Dinners	do	12,371	14,446
Cocktails, horsd'oeu'vers, and in sauces	do	954	1,342
Breaded, raw and cooked:			
Fillets and steaks	do	14,456	13,932
Cakes and patties	do	9,861	7,287
Dinners	do	2,650	2,985
Fish and chips	do	6,475	4,212
Specialties, fish and shellfish	do	15,071	17,085
Canned:			
Gefiltefish	Standard cases	306	8,233
Roe	do	7	631
Animal food	do	6,405	68,814
Unclassified:			
Fish	do	98	2,343
Shellfish	do	30	1,259
Cured:			
Salted	Pounds	1,807	1,798
Smoked	do	306	373
Sun dried	do	64	100
Meal and scrap	Tons	34	10,167
Oil, body and liver	Pounds	4,432	693
Solubles	Tons	34	2,873
Other	-	-	32,918
Total	-	-	3,488,841

(1) Included with unclassified items. (2) Less than 500 lb or $500. (3) Included with tuna meal. (4) Included with fillets production.

Note:--Some of the above items have been processed from raw products imported from foreign countries; therefore, the production cannot be correlated directly with landings. Certain items such as salted alewives and mild cured salmon, are shown in an intermediate and also a more advanced stage of processing. The lime and poultry feed processed shell products were processed from live and reef mollusk shells that are not included in the landing statistics.

CURED FISHERY PRODUCTS, 1976

Item	Pounds	Dollars
	Thousands	
Salted and pickled:		
Alewives	3,587	906
Cod	128	106
Herring, sea	17,333	21,436
Mullet	166	55
Pollock	35	21
Sablefish	318	318
Salmon	4,328	15,410
Other (bonefish, hake, lake and sea herring, sablefish, salmon, spot, tuna, whitefish, and unclassified fish)	1,807	1,798
Total	27,702	40,050
Smoked:		
Butterfish	43	101
Carp	44	32
Chubs	2,727	5,683
Cod	120	180
Eels	51	135
Halibut	291	360
Herring:		
Lake	224	133
Sea	468	425
Jack mackerel	(1)	(1)
Lake trout	44	85
Marlin	4	3
Sablefish	2,576	4,324
Salmon	10,685	40,095
Shad	104	150
Smelt	43	33
Sturgeon	542	1,667
Tuna	64	79
Tunalike fish (bonito and yellowtail)	11	11
Whitefish	2,297	4,329
Whiting	1,065	805
Other (alewives, barracuda, buffalofish, catfish, haddock, hake, king, mackerel, lingcod, mooneye, mullet, paddlefish, Pacific perch, pollock, rockfish, sea bass, shark, suckers, wahoo, yellow perch, octopus, and unclassified fish)	306	373
Total	21,709	59,003
Dried:		
Unsalted cod (lutefisk)	717	680
Sun:		
Tuna	94	354
Shrimp	459	1,748
Other (amberjack, bigeye scad, cod, goatfish, Pacific mackerel, and mackerel scad (opelu)	64	100
Total	617	2,202
Grand total	50,745	101,935

(1) Less than 500 lb or $500.

Note:--Products are shown in an intermediate and also a more advanced stage of processing.

GENERAL REVIEW

CANNED FISHERY PRODUCTS, 1976

The 1976 pack of canned fishery products in the United States, American Samoa, and Puerto Rico was 54.8 million standard cases (1.6 billion pounds) valued at $1.4 billion, an increase of 5.9 million standard cases (12 percent) and $351.4 million (33 percent) over the 1975 pack. Included in the 1976 total were 41.1 million standard cases (904.5 million pounds) for human consumption and 13.8 million standard cases (660.7 million pounds) for bait and animal food. The largest increases were in the packs of canned tuna, up 3.5 million standard cases; natural salmon, up 1.1 million standard cases; and animal food, up 1.6 million standard cases. The packs of shrimp and crab meat were larger, but the packs of mackerel, Maine sardines, tunalike fish, and clams were smaller.

Salmon. The pack of Pacific salmon (excluding smoked salmon and specialties) was 2.6 million standard cases valued at $192.9 million. This was an increase of 1.1 million standard cases and $82.4 million or 69 percent in quantity and 75 percent in value over 1975. The Alaska pack had the sharpest increase, from 1.5 million standard cases in 1975 to over 2.5 million in 1976. Exports of fresh and frozen salmon were 6.3 million pounds less than in 1975. Canned salmon exports were 2.9 million pounds less than in 1975.

Sardines. The pack of Maine sardines (sea herring) was 1.1 million standard cases valued at $24.5 million in 1976, 44,322 standard cases and $439,000 less than 1975. Herring specialties packed in 1976 were 138,859 standard cases valued at $6.5 million compared with 83,119 standard cases valued at only $3.3 million in 1975. Imports of canned sardines during 1976 were 53.9 million pounds compared with 31.1 million pounds during 1975. This increase can be attributed to a good harvesting season in both Norway and South Africa. The majority of sardine imports are shipped from these countries.

Tuna. In 1976 the pack of tuna was 30.3 million standard cases (599.2 million pounds) valued at a record $853.5 million, the highest since the record year 1974 when 33.4 million standard cases were packed. The pack was 3.5 million standard cases and $200.8 million more than the pack in 1975. The pack of white meat (albacore), 6.0 million standard cases, comprised 20 percent of the pack. This was 952,104 standard cases more than the 1975 pack. Lighmeat tuna (skipjack, yellowfin, bluefin, and bigeye) comprised the remaining 24.3 million standard cases. Plants in the continental United States packed 15.9 million standard cases (53 percent). The remaining 14.4 million standard cases were packed in American Samoa, Puerto Rico, and Hawaii.

Canned tuna packed from landings by U.S. fishermen was a record 289.6 million pounds, 20.5 million pounds more than the previous record pack in 1975. Over 601.9 million pounds (round weight) of fresh and frozen tuna was imported in 1976 compared with 486.8 million pounds in 1975. Landings by the U.S. fishing fleet were a record 659.9 million pounds, 91.6 million pounds more than in 1975. Prices at the exvessel, wholesale, and retail levels contined to increase as fishermen were receiving $100 per ton or more for yellowfin and skipjack a year ago. In the albacore fishery, the relatively low landings and continued high price of imports caused prices to jump. Japanese-caught Atlantic albacore for delivery to Puerto Rico rose to $1,500 a ton during the year.

Clams. The pack and value of clams and clam products (excluding specialty products) declined in 1976. Only 2.4 million standard cases valued at $39.3 million were packed in 1976, compared with the 3.0 million standard cases valued at $41.8 million in 1975. The pack of whole and minced clams was 517,180 standard cases—386,578 standard cases or 43 percent less than the 903,758 standard cases packed in 1975. The packs of chowder and juice were 1.9 standard cases, 191.667 standard cases or 9 percent less than the 2.1 million standard cases packed in 1975. These smaller packs of clams and clam products were caused by a 28-percent decline in the 1976 landings of clams. Surf clam landings declined from 86.9 million pounds in 1975 to only 49.1 million pounds in 1976. Clam specialty products were 113,589 standard cases valued at $5.6 million in 1976, a slight increase over the 1975 production of 113,272 standard cases in 1975, and well above the $3.5 million in 1975.

Shrimp. The 1976 natural pack of shrimp was 2.8 million standard cases valued at $49.8 million, up 982,981 standard cases (53 percent) in quantity and $22.1 million (80 percent) in value over 1975. Of the total pack, 1.7 million standard cases were canned in Louisiana and Mississippi; the rest was canned in Washington, Oregon, and Alaska. Rising costs of operation, and the practice of diverting shrimp into a frozen product kept the pack below the 1973 record year when over 3.7 million standard cases were packed.

Pet food. In 1976, the pack of pet food (10 pounds of fish per standard case of 48 one-pound cans) was 13.8 million standard cases valued at a record $195.8 million, only 125,215 standard cases less than the record pack of 13.9 million standard cases packed in 1972. Tuna trimmings are used in producing a substantial part of the U.S. pack of canned animal (pet) food. In 1976 tuna trimmings comprised 42 percent of the pet food pack.

SUMMARY OF PRODUCTION, BY PRODUCTS, 1976

Products	Plants	Production			
	Number	Pounds per case	Standard cases	Thousand pounds	Thousand dollars
For human consumption:					
Fish:					
Alewives	3	45	4,315	194	98
Anchovy paste	3	48	3,837	184	192
Gefiltefish	4	48	306,215	14,698	8,234
Herring specialities	13	48	138,859	6,665	6,473
Mackerel, jack	4	45	147,629	6,643	2,085
Roe and caviar	11	48	25,200	1,210	3,966
Salmon:					
Natural	79	48	2,610,898	125,323	192,857
Smoked	23	48	2,384	114	519
Spreads, in sauces, and smoked paste	5	48	506	24	36
Sardines, Maine	16	23.4	1,067,146	24,971	24,478
Sturgeon, smoked	11	48	972	47	157
Tuna:					
Solid	32	21	6,253,012	131,313	213,363
Chunks	19	19.5	23,300,778	454,365	624,609
Flakes and grated	18	18	750,699	13,513	15,491
Total tuna	(1) 32	-	30,304,489	599,191	853,463
Smoked, spreads, and with noodles	10	48	5,615	270	172
Tunalike fish (bonito)	4	21-19.5-18	163,355	3,314	2,941
Other fish specialties	15	48	98,923	4,748	2,343
Total fish	-	-	34,880,343	787,596	1,098,014
Shellfish:					
Clams and clam products:					
Whole	3	15	2.088	(2) 31	120
Minced	12	15	515,092	(2) 7,726	14,695
Chowder	12	30	1,618,145	(2) 48,544	22,903
Juice	11	30	270,714	(2) 8,121	1,580
Total	(1) 19	-	2,406,039	(2) 64,422	39,298
Specialties	12	48	113,589	5,452	5,634
Crabs:					
Natural	13	19.5	195,448	3,811	13,164
Specialties	5	48	6,273	301	228
Lobster meat and specialties	3	48	3,798	182	192
Oysters:					
Natural	10	7	165,577	(3) 1,159	2,548
Specialties	9	48	253,506	12,168	7,356
Shrimp:					
Natural	23	6.75	2,820,953	19,041	49,759
Specialties	8	48	34,466	1,654	1,382
Squid	8	48	151,333	7,264	1,725
Other shellfish specialties	6	48	30,167	1,448	1,259
Total shellfish	-	-	6,181,149	116,902	122,545
Total for human consumption	-	-	41,061,492	904,498	1,220,559
For animal food and bait:					
Animal food	41	48	13,751,919	660,092	195,839
Salmon eggs for bait	7	48	11,813	567	2,116
Total for animal food and bait	48	48	13,763,732	660,659	197,955
Grand total	(1) 218	-	54,825,224	1,565,157	1,418,514

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(1) Exclusive of duplication. (2) "Cut out" or "drained" weight of can contents is given for whole or minced clams, and net contents for other clam products. (3) Drained weight.

GENERAL REVIEW

VALUE OF PRODUCTION BY STATE AND NUMBER OF PLANTS, 1976

State and number of plants	Standard cases	Thousand dollars
Maine (18)	1,903,295	42,424
Massachusetts (3)	902,574	9,351
New York (7)	306,754	7,596
New Jersey (12)	1,373,145	34,071
Pennsylvania (3) and Delaware (1)	759,067	12,642
Maryland (3)	758,759	27,004
Virginia (3)	93,643	805
North Carolina (3)	24,132	1,182
South Carolina (2) and Florida (1)	90,413	2,853
Louisiana (13)	2,456,323	42,570
Mississippi (7)	3,343,418	26,650
Michigan (2), Illinois (1), and Kansas (1)	589,669	3,313
Wisconsin (3)	940,935	10,384
Alaska (61)	3,575,974	202,990
California (17)	19,139,118	475,595
Oregon (11)	1,341,608	38,258
Washington (38)	1,081,515	33,816
Puerto Rico (5)	13,339,481	361,183
Hawaii (1) and American Samoa (2)	2,805,401	85,827
Total (218)	54,825,224	1,418,514

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

Product	1941	1942	1943	1944 to 1947	1948 to 1951
	Pounds per case				
Sardines:					
Maine	25	20.3	20.3	20.3	20.3
Pacific	48	45	45	45	45
Tuna and tunalike fishes:					
Solid	21	22.5	22.5	21	21
Chunks	-	-	-	(1)	(1)
Flakes	21	18	18	18	18
Mackerel	48	45	45	45	45
Alewives	48	48	45	45	45
Anchovies	48	48	48	48	48
Shad	48	48	48	45	45
Fish flakes	48	48	48	42	42
Oysters	15	15	22.5	22.5	14
Shrimp, wet pact	17.25	21	21	21	15
Clams products:					
Whole and minced	15	15	15	15	15
Juice, chowder, broth, et al.	30	30	30	30	30
Crabs	39	39	39	39	19.5
All other	48	48	48	48	48

Product	1952	1953 to 1957	1958 to 1964	1965 to 1969	1970 to 1976
	Pounds per case				
Sardines:					
Pacific	45	45	45	45	45
Tuna and tunalike fishes:					
Solid	21	21	21	21	21
Chunks	19.5	19.5	19.5	19.5	19.5
Flakes	18	18	18	18	18
Mackerel	45	45	45	45	45
Alewives	45	45	45	45	45
Anchovies	48	31.25	31.25	31.25	31.25
Shad	45	45	45	45	45
Fish flakes	42	48	48	48	48
Oysters	14	14	14	14	7
Shrimp, wet pack	15	15	15	6.75	6.75
Clam products:					
Whole and minced	15	15	15	15	15
Juice, chowder, broth, et al.	30	30	30	30	30
Crabs	19.5	19.5	19.5	19.5	19.5
All other	48	48	48	48	48

(1) Prior to 1952 chunk pack tuna was included with the flake pack.

Note:--The factors listed above were used in converting standard cases reported in the "Canned Fishery Products" bulletins for the years indicated.

GENERAL REVIEW

PACK OF SALMON, BY STATES, 1976

Species	Alaska		Washington	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Chinook or king	36,467	2,872	7,578	729
Chum or keta	367,460	19,980	8,855	521
Pink	1,137,234	74,118	7,628	516
Red or sockeye	895,501	78,783	89,224	10,190
Silver or coho	32,868	2,531	22,233	1,990
Total	2,469,530	178,284	135,518	13,946

Species	Oregon		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Chinook	(1) 2,552	(1) 293	46,597	3,894
Chum or keta	-	-	376,315	20,501
Pink	-	-	1,144,862	74,634
Red or sockeye	-	-	984,725	88,973
Silver or coho	3,298	334	58,399	4,855
Total	5,850	627	2,610,898	192,857

(1) Includes a small pack produced in California.

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight. Salmon were canned in 50 plants in Alaska, 22 plants in Washington, 6 plants in Oregon, and 1 plant in California.

WASHINGTON AND OREGON SALMON PACK, BY DISTRICTS, 1976

	Puget Sound		Columbia River		Coastal		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Chinook or king	4,682	482	4,792	477	(1) 656	(1) 63	10,130	1,022
Chum or keta	8,855	521	-	-	(2)	(2)	8,855	521
Pink	7,628	516	-	-	-	-	7,628	516
Red or sockeye	89,224	10,190	(2)	(2)	-	-	89,224	10,190
Silver or coho	20,894	1,865	3,790	378	847	81	25,531	2,324
Total	131,283	13,574	8,582	855	1,503	144	141,368	14,573

(1) Includes a small pack produced in California. (2) Included with Puget Sound pack.

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PUGET SOUND SALMON PACK, 1976

Species	Local fish	Alaskan fish	Total
	Standard cases		
Chinook or king	4,668	14	4,682
Chum or keta	8,273	582	8,855
Pink	1,466	6,162	7,628
Red or sockeye	82,435	6,789	89,224
Silver or coho	20,558	336	20,894
Total	117,400	13,883	131,283

Note:--Includes a small pack of chum and red produced by Columbia river canneries. "Standard cases" represent the various size cases converted to equivalent of 48 cans to the case, each containing 16 oz net weight.

GENERAL REVIEW

PACK OF MISCELLANEOUS SALMON PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Smoked	2,384	519	Alaska (7), Oregon (5), and Washington (11)
Spreads, in sauces and smoked paste	506	36	Maine (1), Michigan (1), Oregon (1), and Washington (2)
Total	2,890	555	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF MAINE SARDINES, 1976

Style of pack	Standard cases	Thousand dollars
In soybean oil	887,149	20,873
In tomato sauce	51,155	765
In mustard sauce and with chili peppers	128,842	2,840
Total	1,067,146	24,478

Note:--"Standard cases" represent the various size cases converted to the uniform basis of 100 No. ¼ oil cans (3¾ oz net) to the case. Sardines were canned in 16 plants in Maine.

PACK OF MISCELLANEOUS HERRING PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Spreads, tid bits, and fish	138,859	6,473	Maine (13)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF ALEWIVES, 1976

State and number of plants	Standard cases	Thousand pounds
North Carolina (2) and Virginia (1)	4,315	98

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 15 oz net weight.

PACK OF JACK MACKEREL, 1976

State and number of plants	Standard cases	Thousand pounds
California (4)	147,629	2,085

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 15 oz net weight.

PACK OF ANIMAL FOOD FROM FISHERY PRODUCTS, 1976

State and number of plants	Standard cases	Thousand pounds
Massachusetts (2) and New Jersey (1)	949,761	9,904
Pennsylvania (2), Maryland (1), and Virginia (1)	190,404	2,741
Louisiana (1) and Mississippi (3)	4,031,950	34,668
Illinois (1), Kansas (1), Michigan (1), and Wisconsin (2)	1,527,079	13,555
California (9)	4,405,066	83,330
Oregon (4)	350,806	5,351
Washington (4)	538,498	9,320
Puerto Rico (5)	1,487,704	30,145
American Samoa (2) and Hawaii (1)	270,651	6,825
Total (41)	13,751,919	195,839

Note:--Each standard case contains 10 or more pounds of fish. An additional pack of 4,804,942 standard cases valued at $32,660,832 had less than 10 lb of fish per case, and is not included in the above pack. "Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

GENERAL REVIEW

PACK OF TUNA, 1976

Species	Continental United States		Hawii, American Samoa, and Puerto Rico		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Albacore:						
Solid pack	2,056,861	76,981	2,700,229	95,699	4,757,090	172,680
Chunks	292,834	10,519	657,634	24,270	950,468	34,789
Flakes and grated	138,879	2,861	119,236	2,539	258,115	5,400
Total	2,488,574	90,361	3,477,099	122,508	5,965,673	212,869
Lightmeat:						
Solid pack	866,446	23,660	629,476	17,023	1,495,922	40,683
Chunks	12,260,798	323,386	10,089,512	266,434	22,350,310	589,820
Flakes and grated	305,472	6,091	187,112	4,000	492,584	10,091
Total	13,432,716	353,137	10,906,100	287,457	24,338,816	640,594
Grand total	15,921,290	443,498	14,383,199	409,965	30,304,489	853,463

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 No. ½ tuna cans to the case, each containing 7 oz net weight of solid pack, 6½ oz net weight of chunks, and 6 oz net weight of flakes grated. The pack of dietetic tuna is included in the totals. Tuna were canned in 10 plants in California, 8 plants in Washington, 5 plants each in Oregon and Puerto Rico; 2 plants in American Samoa, and 1 plant each in Maryland and Hawaii.

PACK OF TUNA, BY CAN SIZE, 1976

Can and case sizes	Actual cases	Thousand dollars
4-pound (12 cans)	835,775	48,794
1-pound (48 cans)	2,121,662	119,551
½-pound (48 cans)	20,949,898	573,441
¼-pound (48 cans)	1,706,971	32,221
9¼-ounces (24 cans)	155,143	2,830
Other sizes	(1) 2,676,880	76,626
Total	28,446,329	853,463

(1) Converted to standard cases, mostly (307x207) can size.

PACK OF MISCELLANEOUS TUNA PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Locations and number of plants
Smoked, spreads, and with noodles	5,615	172	California (2), Oregon (2), Pennsylvania (1), and Washington (5)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each containing 16 oz net weight.

PACK OF TUNALIKE FISH, 1976

Species	Standard cases	Thousand dollars
Bonito, solid pack, chunk, flakes, and grated	163,355	2,941

Note:--"Standard cases" represent the equivalent of 48 No. ½ tuna cans to the case, each containing 7 oz net weight of solid pack, 6½ oz net weight of chunks, and 6 oz net weight of flakes and grated. Tunalike fish were canned in 4 plants in California.

PACK OF FISH ROE AND CAVIAR, 1976

Product and number of plants	Standard cases	Thousand dollars	State and number of plants
Alewife roe (4)	4,796	249	North Carolina (2) and Virginia (2)
Salmon caviar (4)	8,837	1,004	New York (3) and Alaska (1)
Sturgeon caviar (3)	1,160	1,665	New York (3)
Whitefish caviar (4)	3,774	417	New York (3) and Wisconsin (1)
Lumpfish caviar (2), shad roe (1), and unclassified roe (1)	6,633	631	New Jersey (1), New York (2), and Washington (1)
Total, exclusive of duplication (11)	25,200	3,966	
Salmon eggs for bait (7)	11,813	2,116	Washington (7)
Grand total (18)	37,013	6,082	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF FISH ROE AND CAVIAR, BY STATES, 1976

State and number of plants	Standard cases	Thousand dollars
New York (3)	10,113	3,119
North Carolina (2) and New Jersey (1)	6,011	292
Alaska (1), Virginia (1), Washington (1), and Wisconsin (1)	9,076	555
Total (10)	25,200	3,966

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF MISCELLANEOUS FISH PRODUCTS, 1976

Product	Standard cases	Thousand dollars	State and number of plants
Anchovy paste	3,837	192	Michigan (1) and New York (2)
Gefiltefish	306,215	8,234	New Jersey (3) and New York (1)
Sturgeon, smoked	972	157	Oregon (4) and Washington (7)
Anchovies, catfish, cod, haddock, lake trout, shad, wahoo, whitefish, and unclassified fish, all the forgoing in various styles including natural pack, bites cakes, chowders, flakes, smoked stews, et. al.	98,923	2,343	California (1), Maine (2), Massachusetts (1), Michigan (1), New Jersey (5), Oregon (1), South Carolina (1), Washington (1) and American Samoa (2)
Total	409,947	2,343	

Note:--"Standard cases" represent the various size cases converted to theequivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF CLAMS AND CLAM PRODUCTS, 1976

Species	Whole and minced		Chowder and juice		Total	
	Standard cases	Thousand dollars	Standard cases	Thousand dollars	Standard cases	Thousand dollars
Hard, soft, surf, razor, and geoduck	517,180	14,815	1,888,859	24,483	2,406,039	39,298

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 No. 1 picnic cans, each can of whole or minced clams containing 5 oz of meat, drained weight, and each can of chowder, juice, broth, nectar, 10 oz net contents. The pack of clams in the shell is not included. Clams were canned in 6 plants in New Jeresy, 3 plants in Washington, 2 plant each in Delaware, Maine, and New York, 1 plant each in Maryland, Oregon, Pennsylvania, and South Carolina.

CLAM PRODUCTION, BY TYPE OF PACK, 1976

Production and number of plants	Standard cases	Thousand pounds	Thousand dollars
Whole (3).	2,088	31	120
Minced (12)	515,092	7,726	14,695
Chowder (12)	1,618,145	48,544	22,903
Juice (includes broth, juice, and nectar) (11).	270,714	8,121	1,580
Total, exclusive of duplication (19). .	2,406,039	64,422	39,298

PACK OF MISCELLANEOUS CLAM PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Bisques, consommes, dips, in shell, sauces, smoked, spreads, and stew bases	113,589	5,634	Delaware (1), Maine (1), Maryland (1), Michigan (1), New Jersey (4), Oregon (1), and Washington (3)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF CRAB MEAT, 1976

Species	Standard cases	Thousand dollars	Location and number of plants
Blue and rock	49,582	2,698	Maine (1), North Carolina (1), South Carolina (1), and Mississippi (1)
Dungeness	2,601	243	Washington (3)
King	49,907	4,418	Alaska (3)
Snow	93,358	5,805	Alaska (6)
Total.	145,866	10,466	
Grand total.	195,448	13,164	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 6½ oz net weight.

PACK OF CRAB SPECIALTIES, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Bisques, deviled, dips, smoked soups, and spreads.	6,273	228	Maine (1), Michigan (1), New Jersey (1), South Carolina (1), and Washington (1)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

NATURAL PACK OF OYSTERS, 1976

State and number of plants	Standard cases	Thousand dollars
Louisiana (3), Mississippi (4), South Carolina (2), and Washington (1)	165,577	2,548

Note:--"Standard cases" represent the various size cases converted to the equivalent of 24 cans to the case, each can containing 4-2/3 oz net weight of oyster meats.

PACK OF OYSTER SPECIALTIES, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Bisques, smoked, stews, and stew bases	233,506	7,356	Maine (1), New Jersey (2), South Carolina (2), and Washington (4)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

NATURAL PACK OF SHRIMP, 1976

State and number of plants	Standard cases	Thousand dollars
Gulf States:		
Louisiana (11)	1,443,275	27,438
Mississippi (5)	207,510	5,168
Total (16)	1,650,785	32,606
Pacific States:		
Alaska (2)	954,858	13,944
Oregon (3) and Washington (2)	215,310	3,209
Total (7)	1,170,168	17,153
Grand total (23)	2,820,953	49,759

Note:--"Standard cases" represent the various size cases converted to the equivalent of 24 cans to the case, each can containing 4½ oz of shrimp meats drained weight.

PACK OF MISCELLANEOUS SHRIMP PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Bisques, chowders, dips, in sauces, pickled, pastes, spreads, and soup	34,466	1,382	Maine (2), Michigan (1), New Jersey (3), Oregon (1), and South Carolina (1)

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

PACK OF MISCELLANEOUS SHELLFISH PRODUCTS, 1976

Product	Standard cases	Thousand dollars	Location and number of plants
Northern lobster, bisques, dips, deviled, newburgs, in sauces, meat and spreads	3,798	192	Maine (1), Michigan (1), and New Jersey (1)
Squid	151,333	1,725	California (6), New Jersey (1), and New York (1)
Unclassified, abalone, conchs, turtle, and spiny, lobster, all the forgoing in various styles including, natural pack, chowders in sauces or soups	30,167	1,259	California (1), Florida (1), New Jersey (3), and New York (1)
Total	185,298	3,176	

Note:--"Standard cases" represent the various size cases converted to the equivalent of 48 cans to the case, each can containing 16 oz net weight.

GENERAL REVIEW

INDUSTRIAL FISHERY PRODUCTS, 1976

The value of industrial fishery products in the United States, American Samoa, and Puerto Rico in 1976 was $184.8 million—$22.5 million more than the $162.3 million in 1975. In terms of value, the leading producing States were Louisiana ($63.9 million), Maine ($27.3 million), Virginia (22.4 million), and California ($20.9 million).

Fish meal and scrap. Domestic production, including shellfish meal, was 309,694 tons--19,263 tons more than the 290,431 tons in 1975. Menhaden meal (212,553 tons) accounted for 69 percent of the total production and was 21,110 tons more than the 191,443 tons in 1975. Tuna meal increased by 2,850 tons to 40,059 tons in 1976 compared with 37,209 tons in 1975. Anchovy meal in 1976 was 22,164 tons--5,540 tons (20 percent) less than the 27,704 tons in 1975. Meal from alewife, thread herring, and unclassified fish was 19,896 tons in 1976, compared with 19,241 tons produced in 1975. The 10,684 tons of shellfish meal in 1976 was 569 tons less than the 1975 production of 11,253 tons. Meal from crabs and shrimp was 1,670 and 587 tons, respectively, less than the 8,442 tons and 1,785 tons produced in 1975, but was offset by an increase in mixed fish meal from 1,026 tons in 1975 to 2,714 tons in 1976.

Fish-oils. The domestic production of fish oil was 204.6 million pounds valued at $31.2 million--41.1 million pounds and $1.4 million less than the 245.7 million pounds and $32.6 million in 1975. The production of all fish oils decreased in 1976, except for sea herring oil, which increased 477,000 pounds. Menhaden oil (186.4 million pounds) declined 26.9 million pounds compared with 1975. With a decline in the production of fish oils (other than liver), imports increased from 11.3 million pounds in 1975 to 20.9 million pounds in 1976.

Fish solubles. Domestic production of fish solubles was 133,107 tons valued at $14.3 million, up 5,257 tons and $5.5 million compared with 1975. The 95,313 tons of menhaden solubles contributed 72 percent of the total 133,107 tons produced in 1976, compared with 83,624 tons and 65 percent of the total 127,850 tons in 1975.

Other industrial products. Oyster shell products (grit and lime) were valued at $6.1 million in 1976 compared with $5.8 million in 1975. The value of other industrial products was $36.4 million compared with $49.6 million in 1975. These other industrial products included agar-agar, animal feeds and fish pellets, clam and crab shells (processed for food serving), Irish moss extracts, kelp products, shark leathers, liquid fertilizers, marine pearl shell buttons, pearl essence, and other products.

SUMMARY OF PRODUCTION, BY PRODUCTS, 1976

Product	Plants	Unit	Quantity	Dollars
	Number		Thousands	
Fish and shellfish meal	76	Tons	310	96,815
Fish body oils	40	Pounds	204,581	31,156
Fish solubles	26	Tons	133	14,257
Oyster shell grit and lime ("live and reef shells")	6	do	268	6,085
Miscellaneous industrial products	39	–	–	36,437
Total	(1) 115	–	–	184,750

(1) Exclusive of duplication.

VALUE OF PRODUCTION BY STATE AND PLANT COUNT, 1976

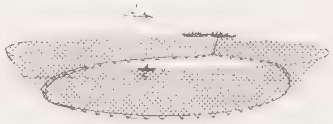
State	Thousand dollars
Maine (8)	27,266
Massachusetts (3)	2,806
Rhode Island (2), New York (2), and Pennsylvania (1)	160
New Jersey (4)	7,389
Maryland (5)	1,734
Virginia (9)	22,371
North Carolina (7)	8,692
Georgia (2), Alabama (1), and Texas (1)	4.686
Florida (3)	355
Mississippi (6)	11,240
Louisiana (19)	63,894
Alaska (3)	741
Washington (8)	3,170
Oregon (5)	2,618
California (17)	20,885
Iowa (1), Utah (1), and Wisconsin (1)	2,738
American Samoa (2) and Puerto Rico (4)	4,005
Total (116)	184,750

GENERAL REVIEW

NUMBER OF PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, BY TYPE PRODUCT, 1976

Product	Atlantic and Gulf Coasts (1)	Pacific Coast (2)	Total
	Number		
Scrap and meal, dried:			
Alewife	3	–	3
Anchovy	–	6	6
Carp	1	–	1
Crab	15	2	17
Herring:			
Sea	2	2	4
Thread	2	–	2
Menhaden	22	–	22
Shrimp	10	2	12
Tuna and mackerel	–	13	13
Unclassified	20	4	24
Oil:			
Alewife	3	–	3
Anchovy	–	6	6
Carp	1	–	1
Herring:			
Sea	3	2	5
Thread	2	–	2
Menhaden	22	–	22
Tuna and mackerel	–	8	8
Unclassified:			
Liver	1	–	1
Body	4	3	7
Shell products:			
Clam shells processed for food serving	2	–	2
Crabs shells processed for food serving	2	–	2
Marine pearl shell buttons	3	–	3
Oyster shell:			
Crushed for poultry feed	4	1	5
Lime (burned and unburned)	2	1	3
Seaweed products:			
Agar-agar	–	1	1
Irish moss extracts	3	–	–
Kelp products	–	1	–
Miscellaneous:			
Animal feeds and fish pellets	5	13	18
Fish protein concentrate	1	–	1
Fish solubles	18	7	25
Liquid fertilizer	–	1	1
Pearl essence	3	–	3
Shark leather	1	–	1
Unclassified crab products	–	1	–
Total, exclusive of duplication	75	40	115

(1) Includes firms in the Great Lakes and Mississippi River areas. (2) Includes Puerto Rico and American Samoa.



MENHADEN PURSE SEINE

PRODUCTION OF MARINE ANIMAL MEAL AND SCRAP, 1976

Product	Atlantic and Gulf Coasts		American Samoa, Pacific Coast, and Puerto Rico		Total	
	Thousand tons	Thousand dollars	Thousand tons	Thousand dollars	Thousand tons	Thousand dollars
Dried scrap and meal:						
Fish:						
Anchovy	—	—	22	6,080	22	6,080
Herring, sea . . .	(1) 4	(1) 1,620	—	—	4	1,620
Menhaden	213	72,746	—	—	213	72,746
Tuna and mackerel	—	—	40	8,820	40	8,820
Unclassified . . .	(2) 18	(2) 5,900	2	516	20	6,416
Total	235	80,266	64	15,416	299	95,682
Shellfish:						
Crab	6	676	1	105	7	781
Shrimp	(1) 1	(1) 116	—	—	1	116
Unclassified	—	—	3	236	3	236
Total	7	792	4	341	11	1,133
Grand total . .	242	81,058	68	15,757	310	96,815

(1) Includes production on the Pacific Coast. (2) Includes production in the Great Lakes and Mississippi River areas.

PRODUCTION OF MARINE ANIMAL OIL, 1976

Product	Atlantic and Gulf Coasts		Pacific Coast and Puerto Rico		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Fish oil:						
Anchovy	—	—	5,334	643	5,334	643
Herring, sea	(1) 2,075	(1) 356	—	—	2,075	356
Menhaden	186,400	28,910	—	—	186,400	28,910
Tuna and mackerel .	—	—	6,340	554	6,340	554
Unclassified	(2) 3,755	(2) 620	677	73	4,432	693
Total	192,230	29,886	12,351	1,270	204,581	31,156

(1) Includes production on the Pacific Coast.
(2) Includes production in the Great Lakes and Mississippi River areas and liver oils.

PRODUCTION OF FISH SOLUBLES, 1976

Product, state, and number of plants	Thousand tons	Thousand dollars
Menhaden:		
New Jersey (1), Virginia (2), and Florida (1)	41	4,752
North Carolina (4)	9	1,206
Louisiana (8) and Mississippi (2)	45	4,969
Total (18)	95	10,927
Unclassified:		
Maine (1), Massachusetts (1), Virginia (1), California (5), Oregon (1), and Puerto Rico (1) . .	38	3,330
Grand total	133	14,257

PRODUCTION OF MENHADEN PRODUCTS, 1976

State and number of plants	Dried scrap and meal		Oil		Solubles		Total
	Thousand tons	Thousand dollars	Thousand pounds	Thousand dollars	Thousand tons	Thousand dollars	Thousand dollars
Maine (2) and Massachusetts (1)	6	1,984	6,732	959	–	–	2,943
New Jersey (1), Virginia (2), and Florida (1)	59	19,375	26,808	4,066	41	4,752	28,193
North Carolina (4)	16	6,136	1,360	215	9	1,206	7,557
Mississippi (3)	21	6,947	20,641	20,431	(1)	(1)	27,378
Louisiana (8)	111	38,304	130,859	3,239	45	4,969	46,512
Total (22)	213	72,746	186,400	28,910	95	10,927	112,583

(1) Included with Louisiana.

Note:--May include a small quantity of other species.

PRODUCTION OF OYSTER SHELL PRODUCTS, 1976

("Live and reef shells")

State and number of plants	Poultry grit		Lime, burned and unburned		Total	
	Thousand tons	Thousand dollars	Thousand tons	Thousand dollars	Thousand tons	Thousand dollars
Alabama (1), Maryland (1), Oregon (1), Pennsylvania (1), and Texas (1)	244	5,570	24	515	268	6,085

PRODUCTION OF MISCELLANEOUS INDUSTRIAL FISHERY PRODUCTS, 1976

Product	State and number of plants	Thousand dollars
Agar-agar	California (1)	36,437
Animal feeds and fish feed pellets	California (2), Massachusetts (1), New York (1), Oregon (4), Rhode Island (1), Utah (1), Virginia (2), and Washington (6)	
Clam and crab shells (processed for food serving) . .	Florida (1), Mississippi (2), North Carolina (1), and Rhode Island (1)	
Irish moss extracts	Maine (2) and Massachusetts (1)	
Kelp products	California (2)	
Shark leather	New Jersey (1)	
Liquid fertilizer	California (1)	
Marine pearl shell buttons	Maryland (1) and New Jersey (2)	
Pearl essence	Maine (3)	
Unclassified crab products and fish protein concentrate	Massachusetts (1) and Washington (1)	

SUMMARY OF PRODUCTION OF FISH FILLETS AND STEAKS, 1976

Item	Fillets		Steaks		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Fresh	95,119	121,413	938	1,845	96,057	123,258
Frozen	42,070	32,035	6,147	13,900	48,217	45,935
Total	137,189	153,448	7,085	15,745	144,274	169,193

PRODUCTION OF FRESH AND FROZEN FISH FILLETS AND STEAKS, BY SECTIONS, 1976

Species	New England		Middle Atlantic		Chesapeake, South Atlantic, and Gulf	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Anglerfish	223	134	-	-	-	-
Bluefish	26	26	43	42	107	68
Cod	11,663	13,937	1,540	2,401	-	-
Cusk	1,789	1,791	-	-	-	-
Drum, red	-	-	-	-	19	14
Flounders	26,868	45,530	3,902	8,218	3,257	3,639
Groupers	-	-	-	-	367	637
Haddock	4,664	8,293	-	-	-	-
Hake	1,408	1,040	20	22	-	-
Halibut	567	1,121	-	-	-	-
Herring, sea	14,174	3,695	-	-	-	-
King mackerel	-	-	-	-	2,846	2,559
Mackerel, Atlantic	22	9	-	-	-	-
Mullet	-	-	-	-	345	166
Ocean perch, Atlantic	9,437	8,086	-	-	-	-
Pollock	6,529	4,467	10	10	-	-
Salmon	138	325	-	-	-	-
Sea trout	-	-	-	-	375	313
Snapper, red	-	-	-	-	320	858
Spanish, mackerel	-	-	-	-	1,078	754
Swordfish	476	1,225	-	-	-	-
Tuna	12	14	-	-	-	-
Whiting	988	613	-	-	-	-
Wolffish	280	220	-	-	-	-
Unclassified	899	532	76	79	1,398	1,358
Total	80,163	91,058	5,591	10,772	10,112	10,366

Species	Great lakes and Mississippi River		Pacific Coast	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Buffalofish	60	30	-	-
Carp	2,234	954	-	-
Cod	-	-	3,504	2,789
Flounders	-	-	14,200	15,079
Halibut	-	-	4,517	8,855
Herring, lake	11	9	-	-
Lake trout	239	429	-	-
Lingcod	-	-	1,584	1,243
Ocean perch, Pacific	-	-	1,667	1,432
Pike or pickerel	43	43	-	-
Rockfishes	-	-	7,695	5,354
Sablefish	-	-	599	348
Salmon	-	-	4,129	8,281
Sauger	173	421	-	-
Sea bass	-	-	56	67
Shark	-	-	1,662	629
Snapper, red	356	786	-	-
Turbot	-	-	141	151
Whitefish	1,022	1,823	-	-
Yellow perch	2,123	5,181	-	-
Yellow pike	647	1,197	-	-
Unclassified	386	675	1,360	1,221
Total	7,294	11,548	41,114	45,449

PRODUCTION OF FISH FILLETS AND STEAKS BY METHODS OF PREPARATION, 1976

Species	Fillets			
	Fresh		Frozen	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Anglerfish	223	134	-	-
Bluefish	161	127	15	9
Buffalofish	60	30	-	-
Carp	2,234	954	-	-
Cod	14,,515	17,185	2,063	1,838
Cusk	1,789	1,791	-	-
Drum, red	19	14	-	-
Flounders	43,575	66,520	4,652	5,946
Groupers	189	344	178	293
Haddock	4,250	7,532	414	761
Hake	1,428	1,062	-	-
Halibut	-	-	2,054	2,858
Herring, lake	11	9	-	-
Herring, sea	-	-	14,174	3,695
King mackerel	-	-	2,846	2,559
Lake trout	153	284	86	145
Lingcod	1,306	1,023	278	220
Mackerel, Atlantic	22	9	-	-
Mullet	345	166	-	-
Ocean perch, Atlantic	3,595	3,322	5,842	4,764
Ocean perch, Pacific	1,058	826	609	606
Pike or pickerel	43	43	-	-
Pollock	4,672	3,419	1,867	1,058
Rockfishes	6,826	4,681	869	673
Sablefish	516	301	83	47
Salmon	385	759	609	835
Sauger	-	-	173	421
Sea bass	-	-	56	67
Sea trout	285	239	90	74
Shark	1,662	629	-	-
Snappers, red	384	866	292	778
Spanish mackerel	-	-	1,078	754
Turbot	-	-	141	151
Whitefish	906	1,642	116	181
Whiting	-	-	988	613
Wolffish	57	53	223	167
Yellow perch	1,959	4,703	164	478
Yellow pike	530	962	117	235
Unclassified	1,961	1,784	1,993	1,809
Total	95,119	121,413	42,070	32,035

Species	Steaks fresh and frozen		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Anglerfish	-	-	223	134
Bluefish	-	-	176	136
Buffalofish	-	-	60	30
Carp	-	-	2,234	954
Cod	129	104	16,707	19,127
Cusk	-	-	1,789	1,791
Drum, red	-	-	19	14
Flounders	-	-	48,227	72,466
Groupers	-	-	367	637
Haddock	-	-	4,664	8,293
Hake	-	-	1,428	1,062
Halibut	3,030	7,118	5,084	9,976
Herring, lake	-	-	11	9
Herring, sea	-	-	14,174	3,695
King mackerel	-	-	2,846	2,559
Lake trout	-	-	239	429
Lingcod	-	-	1,584	1,243
Mackerel, Atlantic	-	-	22	9
Mullet	-	-	345	166

Continued on next page.

PRODUCTION OF FISH FILLETS AND STEAKS BY METHODS OF PREPARATION, 1976 - Continued

Species	Steaks fresh and frozen		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand pounds
Ocean perch, Atlantic	-	-	9,437	8,086
Ocean perch, Pacific	-	-	1,667	1,432
Pike or pickerel	-	-	43	43
Pollock	-	-	6,539	4,477
Rockfishes	-	-	7,695	5,354
Sablefish	-	-	599	348
Salmon	3,273	7,012	4,267	8,606
Sauger	-	-	173	421
Sea bass	-	-	56	67
Sea trout	-	-	375	313
Shark	-	-	1,662	629
Snappers, red	-	-	676	1,644
Spanish mackerel	-	-	1,078	754
Swordfish	476	1,225	476	1,225
Tuna	12	14	12	14
Turbot	-	-	141	151
Whitefish	-	-	1,022	1,823
Whiting	-	-	988	613
Wolffish	-	-	280	220
Yellow perch	-	-	2,123	5,181
Yellow pike	-	-	647	1,197
Unclassified	165	272	4,119	3,865
Total	7,085	15,745	144,274	169,193

GENERAL REVIEW

PRODUCTION OF FISH STICKS, 1976

MONTH	COOKED	RAW	TOTAL
	THOUSAND POUNDS		
JANUARY	8,575	260	8,835
FEBRUARY	9,942	181	10,123
MARCH	10,973	187	11,160
APRIL	6,489	125	6,614
MAY	6,456	190	6,646
JUNE	6,892	205	7,097
JULY	5,467	143	5,610
AUGUST	7,152	150	7,302
SEPTEMBER	7,774	181	7,955
OCTOBER	7,455	83	7,538
NOVEMBER	8,424	182	8,606
DECEMBER	6,588	95	6,683
TOTAL	92,187	1,982	94,169
	THOUSAND DOLLARS		
TOTAL VALUE-YEAR	71,390	1,792	73,182

NOTE:--A FISH STICK, GENERALLY CUT FROM A BLOCK OF FILLETS, IS AN ELONGATED PIECE OF BREADED FISH FLESH WEIGHING NOT LESS THAN 3/4 OF AN OUNCE AND NOT MORE THAN 1-1/2 OUNCES WITH THE LARGEST DIMENSION AT LEAST THREE TIMES THAT OF THE NEXT LARGEST DIMENSION.

PRODUCTION OF FISH PORTIONS, 1976

MONTH	BREADED			UNBREADED	TOTAL
	COOKED	RAW	TOTAL		
	THOUSAND POUNDS				
JANUARY	12,010	13,787	25,797	1,768	27,565
FEBRUARY	11,781	13,528	25,309	2,148	27,457
MARCH	15,001	16,624	31,625	3,263	34,888
APRIL	12,057	17,668	29,725	2,927	32,652
MAY	10,279	15,544	25,823	1,981	27,804
JUNE	8,660	15,015	23,675	2,427	26,102
JULY	9,358	11,806	21,164	2,562	23,726
AUGUST	12,243	14,635	26,878	2,599	29,477
SEPTEMBER	15,412	16,364	31,776	2,330	34,106
OCTOBER	13,091	14,936	28,027	2,039	30,066
NOVEMBER	9,705	13,731	23,436	3,077	26,513
DECEMBER	10,869	11,304	22,173	2,295	24,468
TOTAL	140,466	174,942	315,408	29,416	344,824
	THOUSAND DOLLARS				
TOTAL VALUE-YEAR	113,220	143,708	256,928	29,312	286,240

NOTE:--A FISH PORTION, GENERALLY CUT FROM A BLOCK OF FILLETS, IS A PIECE OF FISH FLESH GENERALLY OF UNIFORM SIZE WITH A THICKNESS OF 3/8 OF AN INCH OR MORE, AND DOES NOT CONFORM TO THE DEFINITION OF A FISH STICK.

GENERAL REVIEW

FROZEN FISHERY TRADE

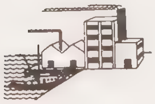
Freezings. The 1976 production of frozen fish and shellfish by firms reporting to NMFS was 321.7 million pounds--an increase of 22.0 million pounds (7 percent) over 1975. Frozen shrimp (raw, headless; breaded; peeled; and unclassified) were 103.0 million pounds and accounted for 32 percent of the total production. Other items frozen in considerable quantities during the year were round salmon (24.9 million pounds); crabs (11.7 million pounds); headed and gutted whiting (7.7 million pounds); squid (6.1 million pounds); and bait and animal food (53.8 million pounds). Not included were freezings by firms not reporting to NMFS on a monthly basis and a considerable volume of frozen fillets and steaks produced by firms operating plate freezers at the end of fillet production lines. It is estimated that landings of 507.8 million pounds (round weight) of fish and shellfish were required for the frozen production in 1976.

The New England area led all other areas in freezings with 92.8 million pounds (29 percent of the total); followed by Pacific with 71.8 million pounds and South Central with 70.0 million pounds (22 percent each); South Atlantic with 47.7 million pounds (15 percent); and Alaska with 30.6 million pounds (10 percent). The rest were frozen in the Middle Atlantic; North Central, East; and North Central, West States.

Cold storage holdings. Monthly holdings of frozen fish and shellfish by cold storage warehouses reporting to NMFS were a low of 289.6 million pounds on May 31 and a high of 381.0 million pounds on November 30. Inventories of cod blocks declined from 30.1 million pounds on January 1, 1976 to 14.5 million pounds on December 31, 1976. Lower imports toward the end of the year and a substantial price increase depleted supplies of cod blocks to a low in December. Holdings of frozen shrimp products (raw, headless; breaded; peeled; and unclassified) were at a low of 43.4 milion pounds on May 31, 1976, and a high of 80.0 million pounds on November 30, 1976.

Cured fish cold storage holdings. Monthly average holdings of salted and smoked fish were 5.8 million pounds. Salted herring (4.9 million pounds) and mild-cured salmon (535,000 pounds) accounted for 93 percent of the monthly average cold storage inventories of cured fish.

Data on freezings and holdings for 1976 have been published previously in Current Fishery Statistics No. 7206.



SUMMARY OF FREEZINGS, BY SECTIONS AND MONTHS, 1976

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	THOUSAND POUNDS								
JANUARY	5,447	751	4,873	-	-	3,150	3,532	1,347	19,100
FEBRUARY	5,928	852	5,507	-	-	3,194	3,884	1,277	20,642
MARCH	7,952	615	4,984	-	-	3,340	11,381	494	28,766
APRIL	7,054	659	3,578	430	-	2,987	5,961	923	21,592
MAY	6,146	767	4,369	168	-	4,209	6,415	3,073	25,147
JUNE	5,732	477	4,212	124	-	6,619	6,501	4,249	27,914
JULY	9,628	387	3,293	114	-	7,845	7,624	2,436	31,327
AUGUST	9,858	338	3,766	111	-	9,585	7,213	4,917	35,788
SEPTEMBER	12,541	771	3,503	105	40	10,476	5,930	4,655	38,021
OCTOBER	8,541	565	2,917	20	40	9,586	5,140	2,820	29,629
NOVEMBER	7,776	672	3,158	109	-	5,639	4,302	2,743	24,399
DECEMBER	6,240	661	3,501	1	-	3,414	3,868	1,662	19,347
TOTAL	92,843	7,515	47,661	1,182	80	70,044	71,751	30,596	321,672

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGE 80. PRODUCTION OF FISH FROZEN ON U.S. FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS TABLE.

SUMMARY OF HOLDINGS, BY SECTIONS AND MONTHS, 1976

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	THOUSAND POUNDS								
JANUARY 31	112,701	41,927	44,834	19,394	12,046	19,440	76,539	5,691	332,572
FEBRUARY 29	105,003	40,026	44,377	17,492	11,988	17,963	67,572	4,412	308,833
MARCH 31	98,171	35,311	36,707	18,015	11,674	16,515	85,513	6,083	307,989
APRIL 30	100,132	35,054	30,042	18,856	12,420	15,888	75,806	6,112	294,310
MAY 31	100,224	33,604	33,341	16,996	11,680	13,610	75,037	5,079	289,571
JUNE 30	100,084	34,141	35,355	17,479	10,998	17,785	80,238	5,056	301,136
JULY 31	114,044	35,032	32,360	18,545	11,256	21,860	91,890	4,888	329,875
AUGUST 31	124,121	34,142	33,786	19,343	10,734	23,772	91,580	6,442	343,920
SEPTEMBER 30	130,461	35,883	37,852	21,001	11,304	28,295	95,273	7,546	367,615
OCTOBER 31	126,854	37,465	33,436	22,421	11,851	28,922	98,533	6,317	365,799
NOVEMBER 30	130,094	39,116	36,302	24,705	11,596	29,073	104,511	5,629	381,026
DECEMBER 31	127,562	37,853	36,910	26,256	10,672	27,559	101,103	3,258	371,173

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGE 80. HOLDINGS INCLUDE IMPORTED FROZEN FISH.

SUMMARY OF HOLDINGS OF CURED FISH, BY MONTHS, 1976

MONTH	SALTED			SMOKED OR KIPPERED	TOTAL
	HERRING	SALMON, MILD-CURED	OTHER		
	THOUSAND POUNDS				
JANUARY 31	5,199	636	475	159	6,469
FEBRUARY 29	4,587	605	280	160	5,632
MARCH 31	4,125	450	140	159	4,874
APRIL 30	4,815	396	160	147	5,518
MAY 31	3,697	327	124	157	4,305
JUNE 30	4,562	232	90	195	5,079
JULY 31	4,496	398	121	144	5,159
AUGUST 31	4,657	668	182	122	5,629
SEPTEMBER 30	4,669	741	224	157	5,791
OCTOBER 31	5,204	743	191	98	6,236
NOVEMBER 30	6,359	666	218	196	7,439
DECEMBER 31	6,227	568	540	133	7,468

SUMMARY OF FREEZINGS, BY MONTHS, 1976

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
FISH				THOUSAND POUNDS		
SALTWATER:						
BLOCKS AND SLABS:						
COD	-	69	74	162	205	136
FLOUNDER AND SOLE	33	4	12	77	18	6
HADDOCK	-	-	28	-	-	1
OCEAN PERCH	58	51	131	142	35	50
POLLOCK, ALASKA	-	-	-	-	10	-
POLLOCK (SAITHE AND OTHER)	-	9	-	-	-	-
MINCED (GRATED), ALL SPECIES	-	-	-	9	10	4
UNCLASSIFIED 1/	-	-	14	-	-	-
TOTAL BLOCKS AND SLABS	91	133	259	390	278	197
FILLETS AND STEAKS:						
COD	272	16	12	5	108	100
FLOUNDER AND SOLE	55	44	69	74	140	107
HADDOCK	41	13	16	9	32	61
HALIBUT	-	-	-	-	29	35
OCEAN PERCH	213	148	211	346	151	349
POLLOCK (SAITHE AND OTHER)	2	23	-	35	87	130
SALMON	1	4	3	2	-	5
WHITING	6	28	39	6	8	31
WOLFFISH (OCEAN CATFISH)	-	-	-	8	7	46
UNCLASSIFIED	1,047	1,269	1,614	1,754	1,181	773
TOTAL FILLETS AND STEAKS	1,637	1,545	1,964	2,239	1,743	1,637
ROUND, DRESSED, ETC.:						
HALIBUT	-	-	-	-	931	1,204
SABLEFISH	33	21	18	7	37	61
SALMON:						
KING OR CHINOOK	9	5	11	22	331	842
SILVER OR COHO	1	-	5	-	60	600
FALL OR CHUM	16	2	-	-	-	18
UNCLASSIFIED	58	28	51	-	95	277
TOTAL SALMON	84	35	67	22	486	1,737
WHITING, HEADED AND GUTTED	77	680	1,154	312	91	153
UNCLASSIFIED (EXCEPT BAIT)	5,760	5,643	13,386	7,154	5,194	3,159
TOTAL SALTWATER FISH	7,682	8,057	16,848	10,124	8,760	8,148
FRESHWATER:						
ROUND, DRESSED, ETC.:						
CHUBS	-	-	-	-	10	10
RAINBOW TROUT	176	105	143	115	311	306
WHITEFISH	-	-	-	-	-	1
UNCLASSIFIED (EXCEPT BAIT)	-	-	-	30	58	13
TOTAL FRESHWATER FISH	176	105	143	145	379	330
BAIT AND ANIMAL FOOD (SALTWATER AND FRESHWATER SPECIES)	3,193	4,483	3,639	3,961	4,852	7,032
SHELLFISH						
CLAMS AND CLAM MEATS	390	258	286	346	480	42
CRABS:						
DUNGENESS	1,196	263	282	188	142	69
KING: MEAT	41	44	61	105	8	-
SECTIONS	161	18	42	2	-	-
SNOW: MEAT	219	201	261	459	444	297
SECTIONS	28	-	-	176	459	682
UNCLASSIFIED	18	33	56	45	53	15
TOTAL CRABS	1,663	559	702	975	1,106	1,063
LOBSTERS:						
SPINY (TAILS)	31	14	68	36	5	7
UNCLASSIFIED (WHOLE AND MEAT)	29	17	5	7	2	-
TOTAL LOBSTERS	60	31	73	43	7	7
OYSTER MEATS	290	536	503	355	206	191
SCALLOP MEATS	29	93	90	65	120	167
SHRIMP:						
RAW, HEADLESS	2,407	2,734	2,178	1,950	3,434	5,432
BREADED	2,089	2,584	3,366	2,696	3,071	3,318
PEELED (INCLUDING DEVEINED)	937	1,024	799	728	1,080	1,207
UNCLASSIFIED	69	118	69	103	34	61
TOTAL SHRIMP	5,502	6,460	6,412	5,477	7,619	10,018
SQUID	114	55	70	101	1,618	892
UNCLASSIFIED SHELLFISH	1	5	-	-	-	24
TOTAL SHELLFISH	8,049	7,997	8,136	7,362	11,156	12,404
TOTAL FISH AND SHELLFISH	19,100	20,642	28,766	21,592	25,147	27,914

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF FREEZINGS, BY MONTHS, 1976 - Continued

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH	THOUSAND POUNDS						
SALTWATER:							
BLOCKS AND SLABS:							
COD	77	48	90	47	54	40	1,002
FLOUNDER AND SOLE	29	5	30	9	11	81	315
HADDOCK	-	12	22	-	-	-	63
OCEAN PERCH	56	14	2	41	43	5	628
POLLOCK, ALASKA	-	-	-	-	-	-	10
POLLOCK (SAITHE AND OTHER)	107	91	89	23	40	160	519
WHITING	-	-	4	-	-	-	4
MINCED (GRATED), ALL SPECIES	10	5	-	5	18	14	75
UNCLASSIFIED 1/	35	-	-	-	-	-	49
TOTAL BLOCKS AND SLABS	314	175	237	125	166	300	2,665
FILLETS AND STEAKS:							
COD	89	255	132	143	135	56	1,323
FLOUNDER AND SOLE	136	255	165	237	194	151	1,627
HADDOCK	6	26	55	56	59	24	398
HALIBUT	53	71	65	-	-	-	253
OCEAN PERCH	598	614	283	334	163	90	3,500
POLLOCK (SAITHE AND OTHER)	148	67	174	58	82	374	1,180
SALMON	2	4	1	6	4	5	37
WHITING	272	832	975	239	95	46	2,577
WOLFFISH (OCEAN CATFISH)	25	-	-	-	-	-	86
UNCLASSIFIED	2,398	2,590	3,116	1,284	999	816	18,841
TOTAL FILLETS AND STEAKS	3,727	4,714	4,966	2,357	1,731	1,562	29,822
ROUND, DRESSED, ETC.:							
HALIBUT	764	1,074	375	52	-	-	4,405
SABLEFISH	150	95	469	217	86	62	1,309
SALMON:							
KING OR CHINOOK	787	1,285	2,007	246	144	59	5,708
SILVER OR COHO	1,981	2,421	2,219	690	129	126	8,231
FALL OR CHUM	578	926	2,202	1,604	1,139	140	6,625
UNCLASSIFIED	1,595	1,819	254	14	19	12	4,310
TOTAL SALMON	4,941	6,451	6,682	2,554	1,431	337	24,874
WHITING, HEADED AND GUTTED	1,604	1,042	1,510	559	231	105	7,718
UNCLASSIFIED (EXCEPT BAIT)	2,170	3,212	3,745	4,845	5,054	4,160	63,487
TOTAL SALTWATER FISH	13,670	16,763	17,984	10,709	8,699	6,526	134,280
FRESHWATER:							
ROUND, DRESSED, ETC.:							
CATFISH	1	1	64	69	37	1	173
CHUBS	3	1	3	2	-	-	29
RAINBOW TROUT	308	390	379	610	546	522	3,811
WHITEFISH	-	-	-	4	-	-	5
UNCLASSIFIED (EXCEPT BAIT)	33	34	66	47	-	-	281
TOTAL FRESHWATER FISH	345	426	512	732	583	523	4,299
BAIT AND ANIMAL FOOD (SALTWATER AND FRESHWATER SPECIES)	5,766	4,722	4,334	3,576	4,271	4,216	53,835
SHELLFISH							
CLAMS AND CLAM MEATS	46	13	595	327	503	545	3,831
CRABS:							
DUNGENESS	6	144	141	26	2	6	2,465
KING: MEAT	-	225	264	629	297	412	2,086
SECTIONS	-	12	33	620	1,205	612	2,905
SNOW: MEAT	69	104	43	16	65	141	2,316
SECTIONS	35	19	37	74	21	-	1,534
UNCLASSIFIED	39	25	34	12	29	230	389
TOTAL CRABS	149	529	552	1,377	1,619	1,401	11,695
FROG LEGS	1	1	10	2	-	-	14
LOBSTERS:							
SPINY (TAILS)	10	39	14	21	23	2	274
UNCLASSIFIED (WHOLE AND MEAT)	6	-	105	74	58	18	316
TOTAL LOBSTERS	16	39	119	95	81	20	590
OYSTER MEATS	93	71	104	221	224	220	3,014
SCALLOP MEATS	59	106	102	27	31	28	917
SHRIMP:							
RAW, HEADLESS	6,693	7,807	8,768	7,702	4,960	2,788	56,854
BREADED	2,513	3,280	2,763	3,179	2,022	2,029	32,609
PEELED (INCLUDING DEVEINED)	1,650	1,525	1,204	595	670	673	12,392
UNCLASSIFIED	127	224	116	52	88	65	1,126
TOTAL SHRIMP	10,983	12,836	12,851	11,528	7,740	5,555	102,981
SQUID	156	268	853	1,035	647	313	6,124
UNCLASSIFIED SHELLFISH	41	14	6	-	1	-	92
TOTAL SHELLFISH	11,546	13,877	15,191	14,612	10,846	8,082	129,258
TOTAL FISH AND SHELLFISH	31,327	35,788	38,021	29,629	24,399	19,347	321,672

1/ "UNCLASSIFIED" MAY ALSO INCLUDE BLOCKS AND SLABS MADE FROM SPECIES LISTED SEPARATELY AND ALSO MINCED (GRATED) FISH BLOCKS. NOTE:--PRODUCTION OF FISH FROZEN ON U.S. FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS TABLE.

SUMMARY OF FREEZINGS, BY SECTIONS, 1976

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
FISH	THOUSAND POUNDS				
SALTWATER:					
BLOCKS AND SLABS:					
COD	980	-	-	-	-
FLOUNDER AND SOLE	233	-	70	-	-
HADDOCK	29	34	-	-	-
OCEAN PERCH	628	-	-	-	-
POLLOCK (SAITHE AND OTHER)	519	-	-	-	-
WHITING	-	4	-	-	-
MINCED (GRATED), ALL SPECIES	75	-	-	-	-
UNCLASSIFIED 1/	14	-	-	-	-
TOTAL BLOCKS AND SLABS	2,478	38	70	-	-
FILLETS AND STEAKS:					
COD	855	115	-	-	-
FLOUNDER AND SOLE	835	-	46	-	-
HADDOCK	398	-	-	-	-
HALIBUT	3	-	-	-	-
OCEAN PERCH	3,283	-	53	19	-
POLLOCK (SAITHE AND OTHER)	1,176	-	-	-	-
WHITING	2,568	-	9	-	-
WOLFFISH (OCEAN CATFISH)	86	-	-	-	-
UNCLASSIFIED	15,133	15	1,080	-	-
TOTAL FILLETS AND STEAKS	24,337	130	1,188	19	-
ROUND, DRESSED, ETC.:					
WHITING, HEADED AND GUTTED	7,716	-	1	-	-
UNCLASSIFIED (EXCEPT BAIT)	34,921	293	11,996	-	-
TOTAL SALTWATER FISH	69,452	461	13,255	19	-
FRESHWATER:					
ROUND, DRESSED, ETC.:					
CATFISH	169	-	4	-	-
CHUBS	-	-	-	29	-
WHITEFISH	-	-	-	5	-
UNCLASSIFIED (EXCEPT BAIT)	-	-	68	129	80
TOTAL FRESHWATER FISH	169	-	72	163	80
BAIT AND ANIMAL FOOD (SALTWATER AND FRESHWATER SPECIES)	18,524	221	2,495	1,000	-
SHELLFISH					
CLAMS AND CLAM MEATS	3	3,004	343	-	-
CRABS, UNCLASSIFIED, TOTAL	16	-	330	-	-
FROG LEGS	11	-	3	-	-
LOBSTERS:					
SPINY (TAILS)	-	3	271	-	-
UNCLASSIFIED (WHOLE AND MEAT)	194	-	122	-	-
TOTAL LOBSTERS	194	3	393	-	-
OYSTER MEATS	-	-	2,728	-	-
SCALLOP MEATS	213	5	681	-	-
SHRIMP:					
RAW, HEADLESS	327	3,575	4,177	-	-
BREADED	-	-	17,014	-	-
PEELED (INCLUDING DEVEINED)	839	35	5,438	-	-
UNCLASSIFIED	13	-	552	-	-
TOTAL SHRIMP	1,179	3,610	27,181	-	-
SQUID	2,994	211	179	-	-
UNCLASSIFIED SHELLFISH	88	-	1	-	-
TOTAL SHELLFISH	4,698	6,833	31,839	-	-
TOTAL FISH AND SHELLFISH	92,843	7,515	47,661	1,182	80

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
FISH	THOUSAND POUNDS			
SALTWATER:				
BLOCKS AND SLABS:				
COD	-	21	1	1,002
FLOUNDER AND SOLE	4	8	-	315
HADDOCK	-	-	-	63
OCEAN PERCH	-	-	-	628
POLLOCK, ALASKA	-	-	10	10
POLLOCK (SAITHE AND OTHER)	-	-	-	519
WHITING	-	-	-	4
MINCED (GRATED), ALL SPECIES	-	-	-	75
UNCLASSIFIED 1/	-	29	6	49
TOTAL BLOCKS AND SLABS	4	58	17	2,665

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF FREEZINGS, BY SECTIONS, 1976 - Continued

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
FISH - CONTINUED	- - - - - - - -	THOUSAND POUNDS	- - - - - - - -	
SALTWATER - CONTINUED:				
FILLETS AND STEAKS:				
COD	-	353	-	1,323
FLOUNDER AND SOLE	3	722	21	1,627
HADDOCK	-	-	-	398
HALIBUT	-	-	250	253
OCEAN PERCH	-	145	-	3,500
POLLOCK (SAITHE AND OTHER)	-	4	-	1,180
SALMON	-	37	-	37
WHITING	-	-	-	2,577
WOLFFISH (OCEAN CATFISH)	-	-	-	86
UNCLASSIFIED	-	2,374	239	18,541
TOTAL FILLETS AND STEAKS	3	3,635	510	29,522
ROUND, DRESSED, ETC.:				
HALIBUT	-	344	4,061	4,405
SABLEFISH	-	514	795	1,309
SALMON:				
KING OR CHINOOK	-	4,402	1,306	5,708
SILVER OR COHO	-	4,874	3,357	8,231
FALL OR CHUM	-	3,475	3,150	6,625
UNCLASSIFIED	-	2,541	1,769	4,310
TOTAL SALMON	-	15,292	9,582	24,874
WHITING, HEADED AND GUTTED	1	-	-	[illegible],716
UNCLASSIFIED (EXCEPT BAIT)	125	14,255	1,897	63,487
TOTAL SALTWATER FISH	133	34,098	16,862	134,280
FRESHWATER:				
ROUND, DRESSED, ETC.:				
CATFISH	-	-	-	173
CHUBS	-	-	-	29
RAINBOW TROUT	-	3,811	-	3,811
WHITEFISH	-	-	-	5
UNCLASSIFIED (EXCEPT BAIT)	-	4	-	281
TOTAL FRESHWATER FISH	-	3,815	-	4,299
BAIT AND ANIMAL FOOD (SALTWATER AND FRESHWATER SPECIES)	-	26,452	5,143	53,835
SHELLFISH				
CLAMS AND CLAM MEATS	-	481	-	3,831
CRABS:				
DUNGENESS	-	2,167	298	2,465
KING: MEAT	-	388	1,698	2,086
SECTIONS	-	428	2,477	2,905
SNOW: MEAT	-	508	1,808	2,316
SECTIONS	-	285	1,249	1,534
UNCLASSIFIED	5	11	24	389
TOTAL CRABS	5	3,787	7,554	11,695
FROG LEGS	-	-	-	14
LOBSTERS:				
SPINY (TAILS)	-	-	-	274
UNCLASSIFIED (WHOLE AND MEAT)	-	-	-	316
TOTAL LOBSTERS	-	-	-	590
OYSTER MEATS	161	125	-	3,014
SCALLOP MEATS	18	-	-	917
SHRIMP:				
RAW, HEADLESS	48,065	55	655	56,854
BREADED	15,595	-	-	32,609
PEELED (INCLUDING DEVEINED)	5,513	185	382	12,392
UNCLASSIFIED	551	10	-	1,126
TOTAL SHRIMP	69,724	250	1,037	102,981
SQUID	-	2,740	-	6,124
UNCLASSIFIED SHELLFISH	-	3	-	92
TOTAL SHELLFISH	69,911	7,386	8,591	129,258
TOTAL FISH AND SHELLFISH	70,044	71,751	30,596	321,672

1/ "UNCLASSIFIED" BLOCKS MAY ALSO INCLUDE BLOCKS AND SLABS MADE FROM SPECIES LISTED SEPARATELY AND ALSO MINCED (GRATED) FISH BLOCKS. NOTE:--SEE PAGE 80 FOR THE STATES INCLUDED IN THE VARIOUS SECTIONS.

GENERAL REVIEW

SUMMARY OF HOLDINGS, BY MONTHS, 1976

SPECIES	JANUARY 31	FEBRUARY 29	MARCH 31	APRIL 30	MAY 31	JUNE 30
FISH			THOUSAND POUNDS			
SALTWATER:						
BLOCKS AND SLABS:						
COD	24,885	22,638	22,171	23,146	25,249	22,897
FLOUNDER AND SOLE	1,789	1,291	903	961	1,046	1,466
GREENLAND TURBOT	501	319	452	437	434	536
HADDOCK	6,934	5,848	5,219	4,216	2,566	2,526
OCEAN PERCH	463	676	572	595	1,355	1,738
POLLOCK, ALASKA	5,446	4,382	3,748	2,906	2,426	2,996
POLLOCK (SAITHE AND OTHER)	6,716	5,039	1,841	1,213	2,964	3,551
WHITING	2,903	3,000	3,083	2,809	1,607	2,320
MINCED (GRATED), ALL SPECIES	10,590	9,594	7,982	7,597	8,096	8,055
UNCLASSIFIED 1/	5,441	5,474	4,223	2,083	1,952	2,219
TOTAL BLOCKS AND SLABS	65,668	58,261	50,194	45,963	47,695	48,304
FILLETS AND STEAKS:						
COD	20,374	19,329	18,041	17,883	19,446	18,649
FLOUNDER AND SOLE	6,183	5,166	4,660	4,920	4,880	5,831
GREENLAND TURBOT	9,400	9,986	10,080	8,899	8,780	7,360
HADDOCK	7,384	6,239	5,731	6,953	5,943	4,954
HALIBUT	2,949	2,654	2,453	1,884	1,699	2,399
OCEAN PERCH	9,483	8,159	7,777	6,800	4,843	5,241
POLLOCK (SAITHE AND OTHER)	4,367	4,488	3,692	3,969	3,850	5,600
SALMON	903	773	832	852	569	515
WHITING	2,778	2,969	3,175	3,518	2,688	2,900
WOLFFISH (OCEAN CATFISH)	241	312	332	217	381	514
UNCLASSIFIED	9,795	10,129	10,364	9,415	7,937	7,003
TOTAL FILLETS AND STEAKS	73,857	70,204	67,137	65,310	61,016	60,966
FISH STICKS AND PORTIONS (COOKED AND UNCOOKED, ALL SPECIES)	35,129	32,268	30,191	31,849	33,568	36,324
ROUND, DRESSED, ETC.:						
HALIBUT	2,744	1,952	1,463	1,615	2,014	3,334
SABLEFISH	1,676	1,398	1,192	634	1,207	628
SALMON:						
KING OR CHINOOK	3,735	3,056	2,392	1,662	1,649	2,985
SILVER OR COHO	2,562	2,057	1,713	1,295	1,259	2,024
FALL OR CHUM	3,577	3,114	2,216	904	1,223	966
UNCLASSIFIED	3,315	2,962	2,433	1,997	1,554	2,166
TOTAL SALMON	13,189	11,189	8,754	5,858	5,685	8,141
WHITING, HEADED AND GUTTED	4,588	5,097	4,552	4,198	4,077	3,628
UNCLASSIFIED (EXCEPT BAIT)	21,186	19,273	34,835	27,412	24,415	20,849
TOTAL SALTWATER FISH	218,037	199,642	198,318	182,839	179,677	182,174
FRESHWATER:						
FILLETS AND STEAKS	527	542	484	493	533	542
ROUND, DRESSED, ETC.:						
CATFISH	1,144	992	882	729	710	815
CHUBS	212	200	96	46	132	113
RAINBOW TROUT	1,424	1,310	1,300	1,465	1,401	1,258
WHITEFISH	801	716	670	481	359	393
UNCLASSIFIED (EXCEPT BAIT)	1,727	1,730	1,486	1,250	1,344	945
TOTAL FRESHWATER FISH	5,835	5,490	4,918	4,464	4,479	4,066
BAIT AND ANIMAL FOOD (SALTWATER AND FRESHWATER SPECIES)	14,191	14,998	17,987	19,774	19,695	21,742
SHELLFISH						
CLAMS AND CLAM MEATS	2,119	1,244	1,398	1,358	1,790	1,863
CRABS:						
DUNGENESS	2,767	3,240	3,501	3,245	2,999	3,090
KING: MEAT	5,415	7,792	7,076	5,642	4,883	4,472
SECTIONS	11,996	8,438	5,376	7,758	5,349	6,409
SNOW: MEAT	1,776	1,795	1,838	2,536	2,381	3,080
SECTIONS	864	1,226	1,479	2,676	4,737	4,535
UNCLASSIFIED	5,213	4,687	2,991	3,966	3,697	2,463
TOTAL CRABS	28,031	27,178	22,261	25,823	24,046	24,049
FROG LEGS	770	965	984	917	880	912
LOBSTERS:						
SPINY (TAILS)	3,484	3,621	4,210	4,400	3,540	3,749
UNCLASSIFIED (WHOLE AND MEAT)	2,632	2,595	2,380	2,456	1,833	2,140
TOTAL LOBSTERS	6,116	6,216	6,590	6,856	5,373	5,889
OYSTER MEATS	1,231	1,110	1,875	2,301	2,324	2,626
SCALLOP MEATS	1,866	1,839	1,663	1,847	2,510	3,035

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF HOLDINGS, BY MONTHS, 1976 - Continued

SPECIES	JANUARY 31	FEBRUARY 29	MARCH 31	APRIL 30	MAY 31	JUNE 30
SHELLFISH - CONTINUED	- - - - -	- - - - -	THOUSAND	POUNDS	- - - - -	- - - - -
SHRIMP:						
RAW, HEADLESS.	23,980	20,304	19,138	16,084	14,411	17,386
BREADED.	8,240	7,365	8,164	8,280	8,383	8,510
PEELED (INCLUDING DEVEINED).	9,934	9,825	11,889	10,452	11,980	14,376
UNCLASSIFIED	8,263	8,591	9,007	9,458	8,587	9,442
TOTAL SHRIMP	50,417	46,085	48,198	44,274	43,361	49,714
SQUID.	2,156	2,033	1,795	1,680	3,118	2,953
UNCLASSIFIED SHELLFISH	1,803	2,033	2,002	2,157	1,918	2,113
TOTAL SHELLFISH.	94,509	88,703	86,766	87,213	85,320	93,154
TOTAL FISH AND SHELLFISH	332,572	308,833	307,989	294,310	289,571	301,136
CURED FISH						
HERRING, SALTED.	5,199	4,587	4,125	4,815	3,697	4,562
SALMON, MILD-CURED	636	605	450	396	327	232
OTHER SALTED	475	280	140	160	124	90
SMOKED OR KIPPERED	159	160	159	147	157	195
TOTAL CURED FISH	6,469	5,632	4,874	5,518	4,305	5,079

SPECIES	JULY 31	AUGUST 31	SEPTEMBER 30	OCTOBER 31	NOVEMBER 30	DECEMBER 31
FISH	- - - - -	- - - - -	THOUSAND	POUNDS	- - - - -	- - - - -
SALTWATER:						
BLOCKS AND SLABS:						
COD.	28,656	28,560	27,465	20,745	18,397	14,525
FLOUNDER AND SOLE.	2,135	2,728	3,478	4,172	4,696	4,697
GREENLAND TURBOT	982	1,667	2,184	2,207	3,203	4,005
HADDOCK.	2,191	1,798	3,097	2,500	2,636	2,438
OCEAN PERCH.	2,020	2,256	2,266	2,913	3,294	3,572
POLLOCK, ALASKA.	4,643	5,149	6,310	7,825	6,578	7,256
POLLOCK (SAITHE AND OTHER)	4,698	4,983	6,022	6,412	7,460	8,473
WHITING.	2,654	1,902	2,889	4,662	5,241	5,567
MINCED (GRATED), ALL SPECIES . . .	8,848	8,339	8,053	7,481	9,047	7,939
UNCLASSIFIED 1/.	3,191	4,788	4,810	4,980	3,078	2,611
TOTAL BLOCKS AND SLABS	60,018	62,170	66,574	63,897	63,630	61,083
FILLETS AND STEAKS:						
COD.	19,458	20,496	21,878	20,533	17,255	16,151
FLOUNDER AND SOLE.	6,785	7,685	8,352	8,089	9,171	9,133
GREENLAND TURBOT	6,247	6,079	5,279	4,719	8,106	8,544
HADDOCK.	4,712	4,889	4,688	3,909	5,305	5,073
HALIBUT.	3,756	4,721	5,241	4,425	4,156	3,633
OCEAN PERCH.	6,888	11,227	15,787	14,710	14,480	14,266
POLLOCK (SAITHE AND OTHER)	4,372	3,939	3,526	4,018	4,018	4,368
SALMON	594	670	725	983	986	857
WHITING.	3,722	3,504	4,759	5,199	5,236	6,076
WOLFFISH (OCEAN CATFISH)	586	639	709	364	324	216
UNCLASSIFIED	8,259	9,553	10,581	11,612	11,645	12,355
TOTAL FILLETS AND STEAKS	65,379	73,402	81,525	78,561	80,682	80,672
FISH STICKS AND PORTIONS (COOKED AND UNCOOKED, ALL SPECIES).	33,281	32,037	30,807	32,277	34,246	31,036
ROUND, DRESSED, ETC.:						
HALIBUT.	4,572	6,997	6,723	6,716	6,127	4,499
SABLEFISH.	667	670	1,141	1,351	957	1,138
SALMON:						
KING OR CHINOOK.	4,893	6,375	8,753	7,783	7,299	4,898
SILVER OR COHO	5,048	7,170	9,193	8,980	8,067	7,469
FALL OR CHUM	2,024	3,697	7,526	9,072	9,317	7,270
UNCLASSIFIED	4,011	6,978	6,909	5,566	5,058	4,262
TOTAL SALMON	15,976	24,220	32,381	31,401	29,741	23,899
WHITING, HEADED AND GUTTED	4,302	4,479	5,668	5,644	5,494	4,805
UNCLASSIFIED (EXCEPT BAIT)	24,334	20,847	21,688	19,997	17,811	23,869
TOTAL SALTWATER FISH	208,529	224,822	246,507	239,844	238,688	231,001

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF HOLDINGS, BY MONTHS, 1976 - Continued

SPECIES	JULY 31	AUGUST 31	SEPTEMBER 30	OCTOBER 31	NOVEMBER 30	DECEMBER 31
FISH - CONTINUED	- - - - - - - - - - - - - THOUSAND POUNDS - - - - - - - - - - - - -					
FRESHWATER:						
FILLETS AND STEAKS.	567	221	758	1,164	1,129	1,389
ROUND, DRESSED,ETC.:						
CATFISH	877	1,009	1,234	1,428	1,454	1,606
CHUBS	270	350	454	485	521	541
RAINBOW TROUT	1,205	1,088	1,024	1,153	1,083	1,161
WHITEFISH	548	460	401	442	533	791
UNCLASSIFIED (EXCEPT BAIT). . . .	1,024	1,187	1,065	1,264	1,752	1,545
TOTAL FRESHWATER FISH	4,491	4,315	4,936	5,936	6,472	7,033
BAIT AND ANIMAL FOOD (SALTWATER AND FRESHWATER SPECIES).	19,917	16,493	12,398	10,076	10,885	11,057
SHELLFISH						
CLAMS AND CLAM MEATS.	2,438	2,518	3,110	2,521	2,371	2,391
CRABS:						
DUNGENESS	2,572	2,318	2,314	1,928	2,091	1,770
KING: MEAT	3,222	2,487	2,752	2,278	3,613	5,060
SECTIONS	7,163	5,761	5,517	8,186	9,707	13,382
SNOW: MEAT	3,065	2,102	1,690	1,078	1,720	1,261
SECTIONS	3,479	2,123	1,923	1,704	1,299	1,673
UNCLASSIFIED.	3,495	3,382	3,051	3,317	3,148	3,338
TOTAL CRABS	22,996	18,173	17,247	18,491	21,578	26,484
FROG LEGS	1,106	1,200	1,218	1,871	1,976	1,774
LOBSTERS:						
SPINY (TAILS)	4,116	4,517	4,963	5,325	5,429	6,246
UNCLASSIFIED (WHOLE AND MEAT) . . .	1,931	1,895	2,262	2,031	2,448	2,079
TOTAL LOBSTERS.	6,047	6,412	7,225	7,356	7,877	8,325
OYSTER MEATS.	2,617	2,182	1,974	1,562	1,372	1,054
SCALLOP MEATS	3,696	4,418	4,682	4,672	5,104	4,927
SHRIMP:						
RAW, HEADLESS	20,815	22,854	27,727	31,075	44,260	39,159
BREADED	7,944	8,102	8,244	7,631	7,568	6,906
PEELED (INCLUDING DEVEINED)	13,836	15,064	14,595	14,712	13,584	12,578
UNCLASSIFIED.	11,777	13,615	13,189	15,679	14,574	14,220
TOTAL SHRIMP.	54,372	59,635	63,755	69,097	79,986	72,863
SQUID	1,734	1,908	2,114	2,031	2,119	1,731
UNCLASSIFIED SHELLFISH.	1,932	1,844	2,449	2,342	2,598	2,533
TOTAL SHELLFISH	96,938	98,290	103,774	109,943	124,981	122,082
TOTAL FISH AND SHELLFISH. . . .	329,875	343,920	367,615	365,799	381,026	371,173
CURED FISH						
HERRING, SALTED	4,496	4,657	4,669	5,204	6,359	6,227
SALMON, MILD-CURED.	398	668	741	743	666	568
OTHER SALTED.	121	182	224	191	218	540
SMOKED OR KIPPERED.	144	122	157	98	196	133
TOTAL CURED FISH.	5,159	5,629	5,791	6,236	7,439	7,468

1/ "UNCLASSIFIED" MAY ALSO INCLUDE BLOCKS AND SLABS MADE FROM SPECIES LISTED SEPARATELY AND ALSO MINCED (GRATED) FISH BLOCKS. NOTE:--PRODUCTION OF FISH FROZEN ON U.S. FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THESE TABLES.

THE STATES IN EACH SECTION AND THE NUMBER OF PUBLIC AND PRIVATE FREEZERS AND WAREHOUSES REPORTING DURING 1976 WERE AS FOLLOWS:

NEW ENGLAND (36) -- MAINE, MASSACHUSETTS, RHODE ISLAND, CONNECTICUT, AND NEW HAMPSHIRE.
MIDDLE ATLANTIC (43) -- NEW YORK, NEW JERSEY, DELAWARE, AND PENNSYLVANIA.
SOUTH ATLANTIC (43) -- MARYLAND, DISTRICT OF COLUMBIA, VIRGINIA, NORTH CAROLINA, SOUTH CAROLINA, GEORGIA, AND FLORIDA.
NORTH CENTRAL, EAST (41) -- OHIO, INDIANA, ILLINOIS, MICHIGAN, AND WISCONSIN.
NORTH CENTRAL, WEST (31) -- MINNESOTA, IOWA, MISSOURI, NEBRASKA, KANSAS, NORTH DAKOTA, AND SOUTH DAKOTA.
SOUTH CENTRAL (60) -- ARKANSAS, TENNESSEE, ALABAMA, MISSISSIPPI, LOUISIANA, AND TEXAS.
PACIFIC (56) -- WASHINGTON, OREGON, CALIFORNIA, ARIZONA, UTAH, COLORADO, IDAHO, AND NEVADA.
ALASKA (14).

GENERAL REVIEW

FOREIGN FISHERY TRADE, 1976

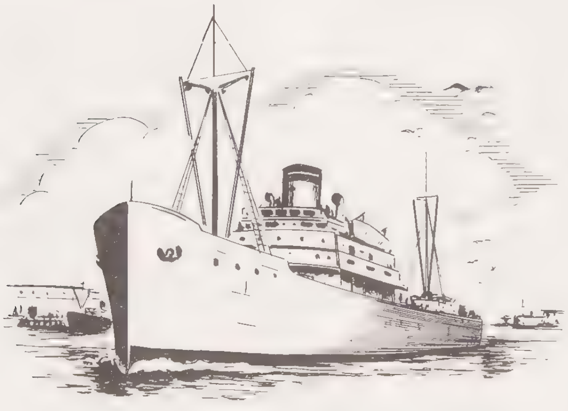
Total U.S. imports of edible and nonedible fishery products were a record $2.3 billion in 1976, an increase of 39 percent over 1975. Exports of domestic fishery products were a record $384.7 million in 1976, an increase of 26 percent over 1975.

Imports of edible fishery products were 228.5 million pounds valued at $1,861.4 in 1976—up 315.4 million pounds (16 percent) and $494.2 million (36 percent) compared with the previous year. Imports of fresh and frozen tuna (including loins and discs) were 607.4 million pounds—up 128.8 million pounds (27 percent) compared with 1975 imports of 478.6 million pounds. There were also increases in regular and minced blocks (21 percent), groundfish and Atlantic ocean perch fillets and steaks (14 percent), other fillets and steaks (10 percent), fresh and frozen shrimp (14 percent), and scallops (28 percent).

Exports of domestic edible fishery products were 240.9 million pounds valued at a record $329.8 million—up 10 percent in quantity and 23 percent in value compared with 1975. Domestic edible products increased slightly in 1976, owing to small gains in fresh and frozen and canned fishery products. Exports of fresh and frozen products were 174.7 million pounds in 1976, up 10 percent over 1975. Exports of canned products were 52.8 million pounds, up 7 percent over 1975.

Exports of domestic nonedible products were $54.9 million in 1976—39 percent more than the $39.5 million exported in 1975. All major categories of domestic nonedible products showed increases in value in 1976.

Exports of foreign fishery products also increased in 1976. The edible exports were $53.2 million in 1976 compared with $32.3 million in 1975. Increases occurred in exports of fresh and frozen shrimp, cod, and canned salmon.



EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1975-76

Item	Unit	1975		1976	
		Quantity	Thousand dollars	Quantity	Thousand dollars
EDIBLE FISHERY PRODUCTS:					
Fresh or frozen:					
Fish:					
Cod, cusk, haddock, hake, and pollock	1,000 pounds	2,339	1,347	3,275	2,327
Salmon	do	48,229	66,863	41,922	75,645
Other	do	57,624	24,048	75,867	33,549
Shellfish:					
Shrimp	do	28,078	54,081	23,296	57,023
Other	do	22,239	27,433	30,320	44,140
Total fresh and frozen	do	158,509	173,772	174,680	212,684
Canned:					
Fish:					
Mackerel	do	560	120	489	107
Salmon	do	22,504	34,552	19,588	33,865
Sardines	do	2,161	1,774	1,829	1,556
Other	do	6,547	7,865	11,054	12,099
Shellfish:					
Shrimp	do	6,223	10,263	7,769	14,685
Squid	do	6,759	1,866	7,914	2,095
Other	do	4,756	6,726	4,200	7,133
Total canned	do	49,510	63,166	52,843	71,540
Cured, pickled, or salted:					
Unclassified fish	do	10,009	30,153	13,058	44,819
Unclassified shellfish	do	124	269	285	767
Total cured	do	10,133	30,422	13,343	45,586
Total edible fishery products	do	218,152	267,360	240,866	329,810
NONEDIBLE FISHERY PRODUCTS:					
Fish and marine animal body and liver oil (except medicinal)	do	191,843	27,849	179,235	29,945
Whale and sperm oil	do	1,316	288	–	–
Seal furs, dressed or dyed	1,000 pieces	47	2,919	67	5,107
Marine shells, unmanufactured	1,000 pounds	7,580	1,917	9,887	2,842
Fish, shellfish, and other marine animal products, nonedible	–	–	3,152	–	4,293
Tropical fish	–	–	1,244	–	2,269
Fish meal	–	–	2,117	–	10,423
Total nonedible fishery products	–	–	39,486	–	54,879
Grand total	–	–	306,846	–	384,689

Note:--In addition to the export figures that are shown, there are quantities of fish oils and concentrates that are exported for medicinal purposes, and other miscellaneous fishery products that cannot be shown because the export classification covering these products includes other than fishery products.

EXPORTS OF FOREIGN FISHERY PRODUCTS, 1975-76

Item	Unit	1975 Quantity	1975 Thousand dollars	1976 Quantity	1976 Thousand dollars
EDIBLE FISHERY PRODUCTS:					
Fresh or frozen:					
Fish:					
Cod, cusk, haddock, hake, and pollock	1,000 pounds	7,597	4,572	10,239	6,565
Salmon	do	836	1,270	374	692
Other	do	5,315	2,931	6,497	3,861
Shellfish:					
Shrimp	do	6,586	16,500	9,138	30,491
Other	do	545	1,642	1,734	4,158
Total fresh and frozen	do	20,879	26,915	27,982	45,767
Canned:					
Fish:					
Mackerel	do	–	–	35	13
Salmon	do	54	66	232	315
Sardines	do	180	100	77	45
Other	do	52	207	164	199
Shellfish:					
Shrimp	do	4	6	72	146
Squid	do	–	–	44	20
Other	do	1,650	4,811	1,806	6,063
Total canned	do	1,940	5,190	2,430	6,801
Cured, pickled, or salted:					
Unclassified fish	do	203	171	635	619
Unclassified shellfish	do	81	69	30	56
Total cured	do	284	240	665	675
Total edible fishery products	do	23,103	32,345	31,077	53,243
NONEDIBLE FISHERY PRODUCTS					
Fish and marine animal body and liver oil (except medicinal)	do	59	22	8	4
Seal furs, dressed or dyed	1,000 pieces	–	–	2	62
Marine shells, unmanufactured	1,000 pounds	588	258	1,395	567
Fish, shellfish, and other marine animal products, nonedible	–	–	163	–	215
Tropical fish	–	–	24	–	48
Total nonedible fishery products	-	–	467	–	896
Grand total	–	–	32,812	–	54,139

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1975-76

Item	Unit	1975 Quantity	1975 Thousand dollars	1976 Quantity	1976 Thousand dollars
EDIBLE FISHERY PRODUCTS:					
Fresh or frozen:					
Fish:					
Whether or not whole (except fillets, steaks, and similar products):					
Freshwater:					
Lake trout	1,000 pounds	415	319	404	328
Other trout	do	1,204	850	642	616
Whitefish	do	8,419	5,637	8,194	6,144
Pike	do	6,667	5,521	6,489	6,971
Unclassified	do	11,934	5,194	12,288	5,677
Total freshwater fish	do	28,639	17,521	28,017	19,736
Saltwater:					
Cod	do	5,088	974	4,093	1,089
Cusk, haddock, hake, and pollock	do	7,684	3,049	8,909	3,776
Eels, shad, and sturgeon	do	1,309	1,225	1,173	1,124
Flounders or flatfish (except halibut)	do	5,642	4,656	5,459	6,283
Halibut	do	7,956	8,036	7,400	9,920
Mackerel:					
Fresh	do	1,832	489	1,494	263
Frozen	do	3,415	765	2,526	694
Ocean perch (Atlantic)	do	451	205	1,644	716
Salmon	do	9,250	11,469	7,742	13,645
Sea herring	do	(1) 99,189	(1) 5,118	(2) 76,517	(2) 5,521
Smelt	do	8,775	3,240	10,499	3,834
Swordfish	do	21	12	61	45
Unclassified	do	48,185	15,929	33,849	12,949
Tuna (whole and other than whole): (3)					
Albacore	do	131,892	45,743	199,587	96,320
Skipjack	do	190,023	35,203	265,033	59,008
Yellowfin	do	127,191	31,861	118,224	30,132
Unclassified	do	27,218	6,649	20,949	5,559
Total tuna	do	476,324	119,456	603,793	191,019
Tuna loins and discs:					
Albacore	do	850	715	1,264	962
Unclassified	do	1,460	1,065	2,332	1,951
Total loins and discs	do	2,310	1,780	3,596	2,913
Total saltwater fish	do	677,431	176,403	768,755	253,791
Blocks, regular and minced:					
Cod	do	160,857	83,963	180,126	117,027
Flatfish, greenland turbot	do	2,776	1,214	8,514	5,210
Flatfish, other	do	10,025	6,837	13,164	11,365
Haddock	do	36,649	19,730	28,547	18,712
Ocean perch (Atlantic)	do	2,173	1,007	7,981	5,046
Pollock	do	74,831	20,907	95,699	35,315
Whiting	do	8,727	2,696	20,570	8,288
Other regular blocks	do	7,553	3,331	9,636	6,038
Minced blocks	do	9,888	2,072	14,505	4,120
Total, regular and minced blocks	do	313,479	141,757	378,742	211,121
Fillets and steaks:					
Groundfish and ocean perch:					
Cod	do	91,017	70,770	118,447	102,419
Cusk, haddock, hake, and pollock	do	41,747	28,150	49,494	38,470
Ocean perch (Atlantic)	do	67,592	37,723	60,346	46,578
Total groundfish and ocean perch	do	200,356	136,643	228,287	187,467

See footnotes at end of table.

(Continued on next page)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1975-76 - Continued

Item	Unit	1975		1976	
		Quantity	Thousand dollars	Quantity	Thousand dollars
EDIBLE FISHERY PRODUCTS: - Continued					
Fresh or frozen - Continued:					
Fillets and steaks: - Continued					
Other:					
Catfish	1,000 pounds	10,906	4,883	10,261	5,432
Flounders or flatfish (except halibut)	do	45,953	36,568	54,144	51,264
Halibut	do	4,565	5,870	3,043	4,715
Swordfish	do	5	5	11	11
Turbot, frozen	do	52,391	24,857	46,574	28,221
Wolffish (sea catfish)	do	7,633	5,381	7,810	6,600
Yellow perch, pike, et al.	do	9,045	14,234	8,364	16,465
Unclassified saltwater	do	34,395	23,541	52,508	34,808
Unclassified freshwater	do	2,699	1,959	2,305	1,890
Total, other than groundfish	do	167,592	117,298	185,020	149,406
Total fillets and steaks	do	367,948	253,941	413,307	336,873
Fish sticks and similar products	do	413	234	563	355
Total fish, fresh and frozen	do	1,387,910	589,856	1,589,384	821,876
Shellfish, et al.:					
Crabs:					
Fresh or frozen (including prepared or preserved, except canned)	do	1,374	979	893	978
Crab meat (fresh cooked)	do	2,989	4,294	3,963	7,421
Lobster:					
American (includes fresh-cooked meat)	do	15,741	31,460	15,856	36,217
Spiny	do	42,329	157,104	48,495	204,520
Shrimp:					
Breaded	do	1,190	2,053	831	1,771
Peeled, cooked but not breaded	do	5,242	6,712	10,440	15,243
Peeled raw	do	76,660	113,693	86,448	150,142
Shell-on	do	117,247	222,094	129,741	293,542
Total shrimp	do	200,339	344,552	227,460	460,698
Clams (in shell or shucked)	do	1,436	919	2,132	1,481
Frog legs (includes fresh-cooked meat)	do	3,311	4,056	6,549	8,377
Oysters:					
Except seed oysters	do	3,399	2,473	3,635	2,892
Seed oysters	do	525	293	788	392
Scallops	do	19,737	37,183	25,253	53,016
Turtles (live only)	do	4	8	319	19
Total shellfish, et al., fresh and frozen	do	291,184	583,321	335,343	776,011
Total fresh and frozen fish, shellfish, et al.	do	1,679,094	1,173,177	1,924,727	1,597,887
Canned:					
Fish:					
Anchovies:					
In oil	do	3,594	5,616	4,753	8,301
Not in oil	do	1,294	655	1,150	598
Herring:					
In oil	do	163	129	127	119
Not in oil	do	12,259	7,286	12,118	8,199
Salmon:					
In oil	do	27	45	4	18
Not in oil	do	3,238	3,856	2,517	2,976
Sardines:					
In oil	do	18,513	16,267	26,891	23,725
Not in oil	do	12,593	8,640	26,982	13,092
Tuna:					
In oil, albacore	do	199	277	288	417
In brine:					
Albacore	do	30,423	28,570	34,898	45,863
Other	do	21,049	17,354	23,707	21,222
Total in brine	do	51,472	45,924	58,605	67,085
Bonito and yellowtail:					
In oil	do	68	95	64	73
In brine	do	43	31	57	52
Total bonito and yellowtail	do	111	126	121	125

(Continued on next page)

See footnotes at end of table.

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1975-76 - Continued

Item		1975		1976	
EDIBLE FISHERY PRODUCTS: - Continued	Unit	Quantity	Thousand dollars	Quantity	Thousand dollars
Canned - Continued:					
Caviar and other fish roe (may include some not canned)	1,000 pounds	200	176	176	180
Fish cakes, balls, and pudding	do	654	489	984	753
Fish paste and sauce	do	2,393	825	4,332	1,494
Pollock, smoked	do	13	18	18	34
Sturgeon roe	do	720	2,785	969	3,116
Unclassified fish:					
In oil	do	1,904	1,389	1,446	1,239
Not in oil	do	17,660	4,065	32,305	7,300
Total canned fish	do	127,007	98,568	173,786	138,771
Shellfish, et al.:					
Abalone (may include fresh or dried, and canned paste and sauce)	do	4,623	12,092	4,845	15,645
Clams:					
Chowder, juice, et al.	do	10	4	14	8
Other	do	1,997	2,087	6,286	6,543
Razor	do	—	—	2	1
Crab meat (includes paste and sauce)	do	1,440	2,933	2,054	4,597
Lobster meat:					
American (includes fresh-cooked meat)	do	1,992	10,520	2,146	10,930
Spiny	do	112	427	719	2,968
Shrimp	do	1,118	1,687	2,350	2,646
Oysters and oyster juice	do	12,363	8,405	14,425	10,745
Unclassified (includes shellfish paste and sauce)	do	16,207	15,735	17,603	19,840
Total canned shellfish	do	39,862	53,890	50,444	73,923
Total canned fish, shellfish, et al.	do	166,869	152,458	224,230	212,694
Cured:					
Dried (unsalted):					
Cod, cusk, haddock, hake, and pollock	do	380	690	508	941
Shark fins	do	100	283	108	621
Unclassified	do	454	913	689	1,244
Total dried (unsalted)	do	934	1,886	1,305	2,806
Pickled or salted:					
Alewives	do	29	10	138	32
Cod, cusk, haddock, hake, and pollock:					
Skined or boned	do	10,427	9,485	12,038	11,383
Other	do	23,191	17,293	24,463	20,058
Herring	do	20,596	6,610	30,942	9,986
Mackerel	do	1,123	341	1,834	690
Salmon	do	115	184	71	151
Unclassified	do	689	747	875	1,038
Total pickled or salted	do	56,170	34,670	70,361	43,338
Smoked or kippered:					
Cod, cusk, haddock, hake, and pollock:					
Fillets, steaks, et al.	do	998	662	758	551
Whole, beheaded, or eviscerated, or both	do	62	54	298	208
Herring:					
Whole or beheaded:					
Hard dry smoked	do	127	60	817	303
Other	do	821	372	574	271
Boned and not boned (eviscerated, split)	do	903	557	1,410	955
Mackerel	do	6	4	47	17
Salmon	do	82	286	133	577
Unclassified	do	204	154	174	145
Total smoked or kippered	do	3,203	2,149	4,211	3,027
Total cured	do	60,307	38,705	75,877	49,171
Other fish and shellfish, not specially provided for	do	6,819	2,840	3,641	1,651
Total edible fishery products	do	1,913,089	1,367,180	2,228,475	1,861,403

See footnotes at end of table.

(Continued on next page)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1975-76 - Continued

Item	Unit	1975 Quantity	1975 Thousand dollars	1976 Quantity	1976 Thousand dollars
NONEDIBLE FISHERY PRODUCTS:					
Oils, (fish and marine animal):					
Cod:					
Industrial	1,000 gallons	398	631	795	889
Medicinal (liver)	do	388	1,144	348	984
Herring	do	919	1,129	1,541	1,598
Sod	do	41	33	71	68
Unclassified:					
Body	do	98	102	324	619
Liver	do	8	168	30	301
Total fish and marine animal oil	do	1,852	3,207	3,109	4,459
Meal and scrap, animal feed	1,000 tons	118	23,576	140	32,872
Fish solubles	do	(4)	23	(4)	59
Fish sounds	1,000 pounds	33	165	1,067	298
Glue	do	6,577	3,841	3,235	1,769
Isinglass	do	11	29	17	44
Pearl essence	do	11	202	16	201
Fish or shellfish (other than for human consumption)	–	–	13,162	–	15,398
Canned fish and whale meat (not fit for human consumption)	1,000 pounds	23,388	15,509	25,568	15,761
Cuttlefish bone	do	128	77	213	149
Shells and buttons:					
Marine shells, crude (unmanufactured)	do	6,406	1,884	8,852	3,073
Shell and mother-of-pearl, ornamented	–	–	676	–	1,005
Articles of shell	–	–	7,968	–	7,060
Ocean and freshwater pearl and shell buttons and blanks	–	–	411	–	266
Pearls:					
Cultured	–	–	7,261	–	11,062
Natural	–	–	673	–	755
Total pearls	–	–	7,934	–	11,817
Spermaceti wax	1,000 pounds	–	–	1	1
Aquatic leathers (Including sealskins, and reptilian and other aquatic leather)	–	–	21,712	–	35,709
Seaweeds and other marine plants	1,000 pounds	88,276	8,096	113,341	8,845
Agar-agar	do	893	5,333	1,292	6,503
Sodium alginate	do	720	1,091	719	1,126
Sponges:					
Sheepswool	do	2	10	2	4
Yellow, grass, or velvet	do	13	19	13	23
Hardhead or reef	do	1	3	1	9
Other	do	54	652	63	868
Total sponges	do	70	684	79	904
Coral, uncut, unmanufactured	do	786	412	1,491	563
Other fish, shellfish, and marine animal products:					
Chemicals and related products	–	–	58,235	–	75,189
Nonmetallic minerals and products	–	–	9,449	–	14,895
Miscellaneous items	–	–	86,243	–	177,531
Total nonedible fishery products	–	–	269,919	–	415,497
Grand total	–	–	1,637,099	–	2,276,900

(1) Includes Customs Service data on imports of fresh sea herring into Maine that amounted to 87,238,540 pounds. Bureau of Census data, which did not include most entries valued at less than $250, amounted to 83 268,733 pounds valued at $4,663,938. (2) Includes Customs Service data on imports of fresh sea herring into Maine that amounted to 57,638,555 pounds. Bureau of Census data, which did not include most entries valued at less than $250, amounted to 65,472,877 pounds valued at $5,093,500. (3) Includes landings of foreign-caught tuna in American Samoa. Such landings are not included in the Bureau of the Census data because of the territorial situation of the possession. (4) Less than 1,000 units or $1,000.

SECTION 2
NEW ENGLAND FISHERIES

Commercial fishery landings by U.S. fishermen in the New England States (Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut) were 547.5 million pounds valued at a record $174.1 million in 1976—increases of 49.1 million pounds and $20.0 million over 1975. The quantity landed was the highest since 1968 and 13 percent above the average of the previous 5 years. Larger landings for fluke flounder, menhaden, sea herring, and sea scallops were responsible for the increase. A few important species such as haddock, yellowtail flounder, and shrimp were down.

Compared with 1975, landings increased in all States except Rhode Island. Massachusetts led all States in volume with 289.0 million pounds (53 percent); followed by Maine, 177.8 million pounds (32 percent); and Rhode Island, 72.5 million pounds (13 percent). Connecticut and New Hampshire together accounted for the rest. The value of landings increased in all States except Connecticut. Massachusetts led in value with $95.8 million (55 percent); Maine was second with $53.8 million (31 percent); followed by Rhode Island, $21.0 million (12 percent); Connecticut, $2.2 million (1 percent); and New Hampshire, $1.3 million (1 percent). Gloucester led all New England ports in landings with 142.8 million pounds while New Bedford led in value with $21.3 million.

Fishermen and vessels. In 1976, 30,474 full-time and part-time fishermen operated 855 vessels (5 gross tons or more), 15,285 motorboats, and 307 boats not powered by a motor. Compared with 1975, this was an increase of 85 vessels and 38 other boats, but a decrease of 1,211 fishermen and 214 motorboats. The number of vessels increased in all States except Rhode Island.

Processed products. The value of processed fishery products was a record $467.0 million. This surpassed last year's record by $75.2 million. Massachusetts led with products valued at $320.4 million, followed by Maine with $99.8 million; New Hampshire, $40.9 million; Rhode Island, $5.1 million; and Connecticut, $700,000. The five States had a monthly average of 8,482 persons employed in 503 wholesaling and processing plants. Fish sticks and portions in Massachusetts led in production of all items with $125.8 million. Maine sardine plants produced $24.5 million despite closures of the plants by the Environmental Protection Agency for failure to comply with standards for waste water treatment.

International Commission for the Northwest Atlantic Fisheries (ICNAF). Established in 1950, ICNAF had 18 member countries to govern the conservation and management of the Northwest Atlantic Fisheries. The United States resigned from ICNAF, effective December 31, 1976, potentially leaving 2 unregulated months in 1977. Meetings of the Commission were held in June and September of 1975 to establish national quotas for 1976 for the major fish stocks in the Northwest Atlantic. Acting on the recommendations of ICNAF, the National Marine Fisheries Service adopted regulations that were then published in the Federal Register on January 6, 1976. These regulations covered commercial fishing in the Northwest Atlantic Ocean north of Cape Hatteras. The regulations contained provisions for quotas, licensing of fishing vessels, record keeping, size limitations, and catch limitations on certain species.

Federal Conservation and Management Act of 1976 (FCMA). Public Law 94-265, which became law on April 13, 1976, provides for a national program for the conservation and management of fishery resources within a declared Fishery Conservation Zone (FCZ), contiguous to the territorial sea of the United States. The FCZ extends from the seaward boundary of the territorial sea (3 nautical miles from shore) to 200 nautical miles from shore. All species, except for the highly migratory bluefin tuna, will be under the control of Regional Fishery Management Councils. The New England Regional Fishery Management Council, chosen in August 1976, comprises 17 voting and 4 nonvoting members. The council will prepare Fishery Management Plans (FMP) before March 1, 1977, the day the Act goes into effect. One problem developing is a dispute over the water boundary with Canada. A compromise will have to be reached concerning the rich fishing grounds of Georges Bank to which both countries lay claim.

American lobster. Landings were 30.0 million pounds valued at a record $48.8 million--up 1.4 million pounds and $600,000 over 1975. The American lobster was 28 percent of the value of all landings in New England making it the area's most valuable species. Maine led in production with 63 percent of the total landings, all by the inshore pot fishery. Landings of 19.0 million pounds were 2.0 million pounds more than in 1975, but landings declined in all other States. The inshore pot fishery (from 0 to 12 miles) produced 84 percent of the landings. The remaining landings were made by the offshore pot and otter trawl fisheries, which operated in the deepwater canyon areas of Southern New England. Landings of lobster declined the last 2 months of 1976 when exceptionally poor weather set in.

NEW ENGLAND FISHERIES

Clams. Landings yielded 12.7 million pounds of meats worth $13.8 million—increases of 12 percent in volume and 27 percent in value compared with 1975. Landings increased for all species of clams. Soft clams were 66 percent of the total production; hard clams, 21 percent; ocean quahog, 12 percent; and razor and surf clams were 1 percent.

Landings of soft clams yielded 8.5 million pounds of meats, an increase of 11 percent compared with 1975. Maine was the leading producer of soft clams with 7.4 million pounds or 70 percent of the total U.S. catch. Landings in Maine were up 13 percent over 1975. In Massachusetts, landings of 1.1 million pounds of soft clams increased slightly, but in Rhode Island, landings of 3,000 pounds were down 83 percent compared with 1975. Connecticut and New Hampshire had no production.

Landings of hard clams yielded 2.6 million pounds of meats, up 11 percent over 1975. Landings in Rhode Island (1.5 million pounds) was up 37 percent, but declined in Massachusetts (947,000 pounds) and Maine (3,000 pounds).

The State of Maine was fortunate in 1976 when both the green crab and the "red tide", Gonyaula tamarensis, failed to appear in the concentrations of recent years. The green crab is a natural predator of the clam beds. The "red tide", formed by highly toxic microscopic organisms, produces paralytic shellfish poisoning. The "red tide" caused far fewer closures in Maine this year than in the last 4 years.

Flounders. Landings were 79.8 million pounds worth $31.8 million, up 2.5 million pounds (3 percent) and $4.9 million (18 percent) over 1975. Landings of yellowtail flounders were 37.4 million pounds, a decline of 10 percent compared with 1975. Landings were the smallest since 1960. Noting that yellowtail are no longer as abundant as in 1960's, a number of otter trawlers took part in the lucrative scallop fishery. Fluke landings (10.9 million pounds) increased 122 percent over 1975. Fluke was found in abundance off New York and Nantucket Sound in the summer. Landings of blackback flounder decreased 6 percent, and gray sole decreased 12 percent; but dab increased 42 percent and sand flounders increased 5 percent.

Groundfish. Landings of six groundfish species (cod, cusk, haddock, pollock, white hake, and Atlantic ocean perch) were 135.9 million pounds valued at $29.2 million—increases of 67,000 pounds and $3.9 million. Landings of haddock (12.8 million pounds) were down 21 percent from 1975, but cod (55.2 million pounds) and cusk (2.8 million pounds) were down slightly. Landings of pollock, 23.8 million pounds, white hake, 9.1 million pounds and ocean perch, 32.1 million pounds had small gains in 1976. Pollock landings were the highest since 1959, and white hake were the highest since 1953, but ocean perch was 35 percent below the previous 5-year average.

Menhaden. Landings in 1976 of 59.0 million pounds increased 16 percent over 1975. The highly unpredictable menhaden again proved true to form. They completely bypassed Rhode Island on its northward run, finally concentrating in Maine waters. While on the southward run, vast schools settled in Newport, R.I. which had substantial landings creating problems for processing. Newport has no processing facilities for the oil-laden menhaden, so the fish were pumped out and trucked to the fleet's respective ports.

Sea herring. Landings were 110.4 million pounds valued at $4.4 million, increases of 31.0 million pounds and $1.7 million compared with 1975. The volume was the largest since 1963 and 49 percent above the average for the previous 5 years. Maine accounted for 64 percent of the total production with landings of 70.2 million pounds—32.0 million pounds or 84 percent more than in 1975. The inshore fleet of stop seiners took 79 percent of the Maine landings; the rest were taken by purse seines (15 percent) and weirs (6 percent). Massachusetts landings of 39.7 million pounds increased 24 percent, but Rhode Island landings were only 394,000 pounds in 1976 compared with 9.0 million pounds in 1975. In Massachusetts, inshore fishing by purse seiners and pair trawlers was the rule to avoid closures under ICNAF regulations pertaining to international waters. Of the total landings for New England, about 87 percent was caught within territorial waters. Rhode Island's catch of herring was minimal with the species bypassing the State.

American and foreign fisheries for Atlantic sea herring in offshore waters were subject to regulation by the International Commission for the Northwest Atlantic Fisheries (ICNAF) in 1976. The United States, which withdrew from ICNAF, effective December 31, 1976, placed foreign fisheries in the Fishery Conservation Zone (FCZ) under U.S. control effective March 1, 1977.

NEW ENGLAND FISHERIES

Sea scallops. One of the highlights of the 1976 fishing year was the sea scallop fishery. Landings were 12.0 million pounds valued at a record $22.2 million—increases of 69 percent in quantity and 66 percent in value over 1975. The 1976 production was the largest since 1965 and 145 percent above the average for the previous 5 years. Prices received by fishermen were slightly lower in 1976—$1.86 per pound compared to $1.89 in 1975.

Fishing effort was divided between the productive beds off New York and New Jersey and a new area off Chatham on Cape Cod. The discovery of the Chatham beds allowed the fleet to switch over from the New York and New Jersey beds which had been worked heavily for nearly 2 years.

Bluefin tuna. Landings were 1.7 million pounds valued at $927,000—decreases of 27 percent in volume and 20 percent in value compared with 1975. Fishing for bluefin tuna by U.S. commercial fishermen is closely controlled by NMFS and the U.S. Coast Guard in response to recommendations of the International Commission for the Conservation of Atlantic Tuna (ICCAT). Regulations are designed to protect undersize fish (under 14 pounds) and the prime spawning size fish (115-299 pounds). The catch of other sizes is restricted to amounts taken in recent years. The 1976 regulations included purse seine quotas of 1,000 short tons of fish weighing between 14 and 115 pounds and 180 short tons of fish weighing more than 300 pounds. For other than purse seine fishermen, a quota of 2,000 fish with 150 fish available for harvest west of a line extending south from Gay Head, Mass. For fish in excess of 300 pounds, the regulations also included a daily bag limit of one fish per day per vessel through August 13 and then seven fish per week per vessel for the rest of the season. Regulations for 1975 included a quota of 2,250 fish of over 300 pounds caught by fishermen other than purse seiners, who had no bag limits.

Northern shrimp. The northern shrimp fishery in Maine, New Hampshire, and Massachusetts continued to decline in 1976. Landings were the smallest since 1965. The overall catch was 2.3 million pounds valued at $764,000 in 1976 compared with 11.7 million pounds valued at $3.1 million in 1975. The quantity landed was 89 percent below the average for the previous 5 years. The average price per pound paid to fishermen increased from 26.3 cents in 1975 to 33.9 cents in 1976.

Maine led all other States with a catch of 1.4 million pounds—60 percent of the total, but still 5.6 million pounds less than in 1975. The shrimp in Maine failed to appear in any significant numbers this year, and the fishermen turned their efforts to the more lucrative groundfish fishery. Landings in Massachusetts (877,000 pounds) declined 3.7 million pounds and New Hampshire (16,000 pounds) declined 49,000 pounds.

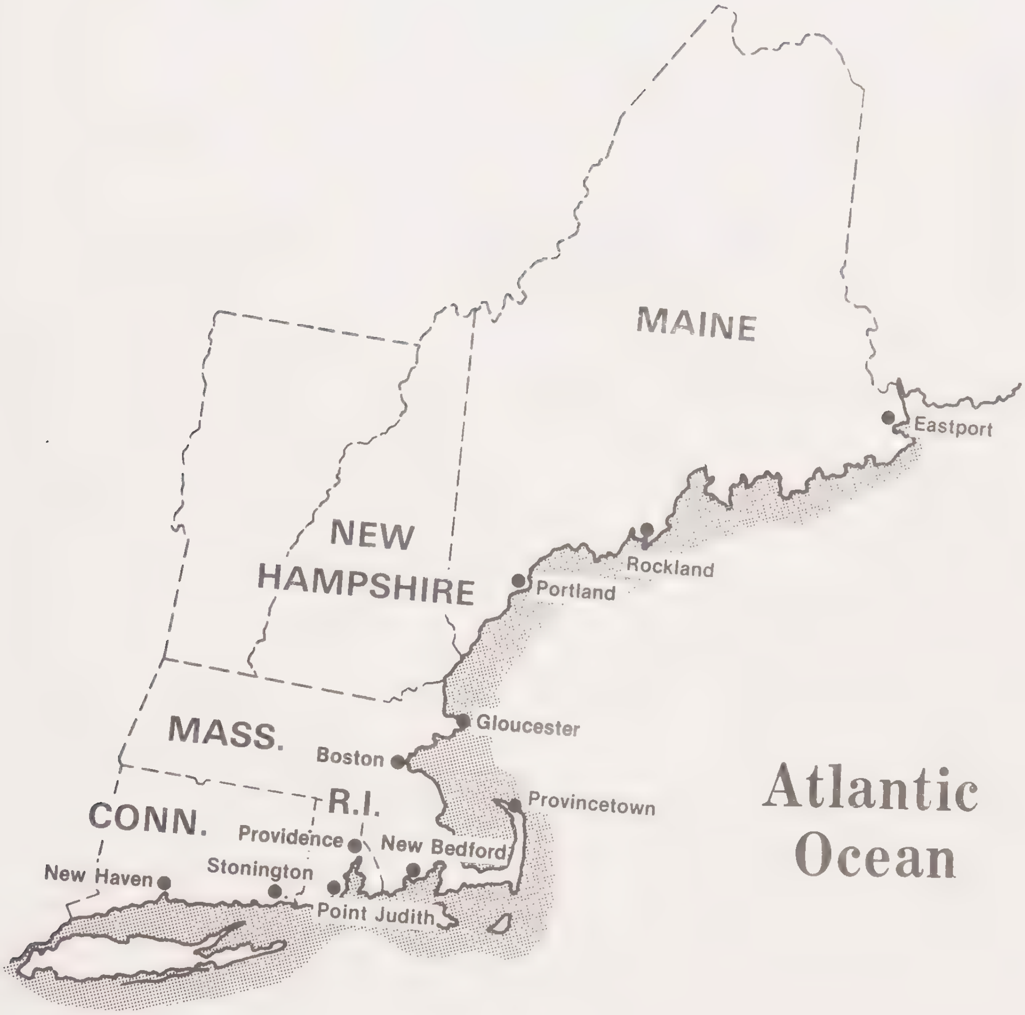
Whiting. Landings of whiting were 37.2 million pounds valued at $2.9 million, increases of 4.0 million pounds and $180,000 over 1975. Landings increased in all States except Maine where the 408,000 pounds landed were the smallest since 1935. Landings in Rhode Island (7.3 million pounds) were a record high, and Massachusetts landings (29.4 million pounds) were the highest since 1968.

An unusual amount of whiting was landed in the first 4 months of 1976. Landings of whiting at this time helped the depletion caused by the decline in the northern shrimp fishery by creating added winter employment in the generally slowed down processing plants. Exvessel prices remained low during the winter, because dealers had surplus whiting in freezers from the previous summer.

Argo Merchant. No review of New England fisheries for 1976 is complete without mention of the oil tanker, Argo Merchant, which grounded and subsequently split on the Nantucket Shoals. This area, 27 miles off of Nantucket, is the traditional yellowtail flounder grounds. But the hazard was not confined just there. The 7.6 million gallons of No. 6 crude (Bunker C) fuel oil carried by the Liberian registered tanker formed a 150-mile-long oil slick that endangered the lucrative groundfish and shellfish grounds on Georges Bank. This highly viscous mass had the potential of decimating spawning grounds and feed if it sank. An intense research investigation was undertaken to monitor, attempt to control, and if possible clean up this disastrous occurrence. While fouling of gear, catches, and wildlife was reported, only after months of monitoring will the full impact of this tragedy be determined. The oil spill again focused attention on oil interests. With exploratory oil drilling taking place and plots for further drilling being leased in the vicinity of Georges Bank, a cry for tighter rstrictions or total banning was heard.

Other information. Condensed summary data on the operating units and landings, by States, appearing in the following pages have been published previously in Current Fishery Statistics No. 7700. Additional data may be found in the monthly and annual landings bulletins for Maine, Massachusetts, and Rhode Island published in the Current Fishery Statistics series by the Resource Statistics Division in cooperation with the respective States.

Acknowledgments. The following organizations helped collect the data appearing in this section: Maine Department of Marine Resources; New Hampshire Fish and Game Department; Massachusetts Department of Natural Resources, Division of Marine Fisheries; Rhode Island Department of Natural Resources, Division of Conservation; Connecticut State Board of Fisheries and Game; and Connecticut State Shellfish Commission.


MAINE
NEW HAMPSHIRE
MASS.
CONN.
R.I.
Eastport
Rockland
Portland
Gloucester
Boston
Provincetown
Providence
New Bedford
New Haven
Stonington
Point Judith
Atlantic Ocean

NEW ENGLAND STATES

NEW ENGLAND FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1976

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
MAINE	142	13	36	41	178	54
NEW HAMPSHIRE	3	1	1	1	3	1
MASSACHUSETTS	261	57	28	39	289	96
RHODE ISLAND	62	11	10	10	72	21
CONNECTICUT	4	1	1	2	5	2
TOTAL	471	81	76	93	547	174

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING.

SUMMARY OF OPERATING UNITS, 1976

ITEM	MAINE	NEW HAMPSHIRE	MASSACHU-SETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATON
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	538	-	2,673	815	58	3,512
PART-TIME	-	-	-	64	-	64
ON BOATS AND SHORE:						
FULL-TIME	6,220	106	2,258	861	338	9,783
PART-TIME	9,107	395	5,339	1,437	837	17,115
TOTAL	15,865	501	10,270	3,177	1,233	30,474
VESSELS, MOTOR	217	-	544	211	20	855
GROSS TONNAGE	9,686	-	38,596	15,199	737	53,145
BOATS:						
MOTOR	7,508	306	4,697	1,937	848	15,285
OTHER	178	25	90	14	-	307
GEAR:						
HAUL SEINES:						
COMMON	-	2	7	3	8	20
DANISH	-	-	4	-	-	4
STOP SEINES	57	-	-	-	-	57
PURSE SEINES:						
HERRING	20	-	8	-	-	25
MENHADEN	11	-	5	4	-	12
TUNA	-	-	2	-	-	2
BAG NETS	2	8	-	-	-	10
OTTER TRAWLS:						
FISH	167	9	429	158	30	705
LOBSTER	-	-	12	7	-	17
SHRIMP	191	4	16	-	-	211
MIDWATER TRAWLS	-	-	20	4	-	20
WEIRS	27	4	-	-	-	31
POUND NETS, FISH	-	-	14	-	-	14
FLOATING TRAPS	4	-	9	17	-	30
FYKE AND HOOP NETS, FISH	-	-	-	-	5	5
POTS AND TRAPS:						
CONCH	-	-	1,850	480	510	2,840
CRAB	-	500	1,280	36	-	1,816
EEL	3,475	-	4,340	252	867	8,934
FISH	-	-	295	-	-	295
LOBSTER:						
INSHORE	1,753,740	24,000	218,451	36,724	23,925	2,056,840
OFFSHORE	-	-	21,250	32,620	-	50,820
GILL NETS:						
ANCHOR, SET, OR STAKE	65	14	65	2	-	146
DRIFT:						
SHAD	-	-	-	-	67	67
OTHER	-	-	3	-	104	107
LINES:						
HAND	111	100	3,004	285	161	3,661
TROLL	-	-	1,112	-	-	1,112
LONG OR SET WITH HOOKS	158	6	130	10	-	294
DIP NETS, COMMON	25	16	86	-	1	128
HARPOONS:						
SWORDFISH	-	-	19	10	1	28
OTHER	48	25	60	-	-	133
SPEARS	-	8	33	3	-	44
DREDGES:						
CLAM	-	-	32	9	3	44
CRAB	-	-	-	1	1	2
MUSSEL, SEA	-	-	3	2	-	5
OYSTER, COMMON	-	-	-	-	9	9

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1976 - Continued

ITEM	MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER					
GEAR - CONTINUED:						
DREDGES - CONTINUED:						
SCALLOP:						
BAY	-	-	2,525	-	-	2,525
SEA	226	-	125	8	1	355
OTHER	2	-	-	-	-	2
TONGS	-	-	147	339	-	486
RAKES:						
OYSTER.	-	-	275	-	-	275
OTHER	136	-	1,372	1,360	-	2,868
HOES.	5,804	45	716	55	-	6,620
DIVING OUTFITS.	3	-	10	-	-	13

LANDINGS BY STATES, 1976

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES.	3,395	112	-	-	45	2
ANGLERFISH.	273	86	22	6	1,365	449
BLUEFISH.	(1)	(1)	-	-	450	80
BONITO.	-	-	-	-	15	3
BUTTERFISH.	9	5	-	-	290	81
COD	6,367	1,429	735	205	46,766	12,355
CROAKER	-	-	-	-	(1)	(1)
CUSK.	862	147	160	30	1,773	312
EELS:						
COMMON.	191	94	6	3	305	148
CONGER.	-	-	-	-	6	1
FLOUNDERS:						
BLACKBACK	388	108	27	7	9,861	3,580
DAB	2,056	606	121	37	5,487	1,668
FLUKE	(1)	(1)	-	-	4,019	1,919
GRAY SOLE	852	392	14	7	3,036	1,574
LEMON SOLE.	(1)	(1)	-	-	1,072	550
SAND.	-	-	-	-	4,056	1,038
YELLOWTAIL.	314	121	16	6	30,261	12,718
UNCLASSIFIED.	-	-	-	-	22	6
TOTAL FLOUNDERS . . .	3,610	1,227	180	59	57,814	23,059
HADDOCK	1,537	733	113	59	10,852	4,666
HAKE:						
RED	8	1	-	-	1,443	135
WHITE	5,524	601	300	14	3,208	558
HALIBUT	48	60	(1)	(1)	69	112
HERRING, SEA.	70,234	3,054	-	-	39,737	1,281
LAUNCE.	-	-	8	3	14	6
MACKEREL, ATLANTIC.	405	81	(1)	(1)	1,551	191
MENHADEN.	17,553	300	-	-	28,594	465
OCEAN PERCH, ATLANTIC . . .	20,783	2,604	14	3	11,313	1,785
OCEAN POUT.	-	-	-	-	20	2
POLLOCK	7,717	874	1,157	165	14,761	2,147
SALMON, ATLANTIC.	(1)	(1)	-	-	(1)	(1)
SCUP OR PORGY	-	-	-	-	1,860	425
SEA BASS, BLACK	-	-	-	-	174	72
SEA ROBIN	-	-	-	-	(1)	(1)
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	13	2
SHAD.	15	1	2	(1)	-	-
SHARKS:						
GRAYFISH.	944	39	-	-	7	1
UNCLASSIFIED.	11	1	2	(1)	9	1
SKATES.	80	11	7	1	165	17
SMELT	80	28	25	9	-	-
STRIPED BASS.	-	-	2	1	1,360	891
STURGEON, COMMON.	1	(1)	1	(1)	1	(1)
SWORDFISH	611	825	-	-	2,458	3,268
TAUTOG.	2	(1)	-	-	63	7
TILEFISH.	-	-	-	-	468	112
TUNA:						
BLUEFIN	70	26	33	2	1,616	868
UNCLASSIFIED.	2	1	-	-	(1)	(1)
WHITE PERCH	-	-	-	-	26	13
WHITING	408	29	39	3	29,440	2,377
WOLFFISH.	48	4	12	1	982	91
UNCLASSIFIED:						
FOR FOOD.	587	140	17	3	1,586	513
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	394	17	-	-	60	7
TOTAL FISH.	141,769	12,530	2,834	587	260,799	56,523

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
SHELLFISH ET AL.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CRABS:						
JONAH	-	-	-	-	137	40
RED	-	-	-	-	1,152	317
ROCK	1,160	103	48	5	(1)	(1)
TOTAL CRABS	1,160	103	48	5	1,289	357
HORSESHOE CRABS	-	-	-	-	8	1
LOBSTERS, AMERICAN.	19,001	29,238	477	668	6,586	11,620
SHRIMP.	1,361	488	16	5	877	271
CLAMS:						
HARD:						
PUBLIC.	3	6	-	-	831	1,621
PRIVATE	-	-	-	-	116	167
OCEAN QUAHOG.	-	-	-	-	49	20
RAZOR	-	-	-	-	2	1
SOFT, PUBLIC.	7,368	7,489	-	-	1,132	1,840
SURF.	-	-	-	-	85	54
TOTAL CLAMS	7,371	7,495	-	-	2,215	3,703
CONCHS.	-	-	-	-	158	59
MUSSELS, SEA.	1,203	344	-	-	244	83
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	-	-	-	-	27	70
FALL.	-	-	-	-	26	67
PRIVATE:						
SPRING.	-	-	-	-	6	16
FALL.	-	-	-	-	6	15
TOTAL OYSTERS	-	-	-	-	65	168
PERIWINKLES AND COCKLES . .	38	36	-	-	-	-
SCALLOPS:						
BAY	-	-	-	-	890	1,973
SEA	629	1,352	-	-	11,082	20,450
TOTAL SCALLOPS. . . .	629	1,352	-	-	11,972	22,423
SQUID	43	6	-	-	3,597	502
SEA URCHINS	36	2	-	-	-	-
IRISH MOSS.	4,000	160	-	-	1,200	48
BLOODWORMS.	532	1,256	-	-	-	-
SANDWORMS	698	812	26	32	37	53
TOTAL SHELLFISH ET AL. .	36,072	41,292	567	710	28,248	39,288
GRAND TOTAL.	177,841	53,822	3,401	1,297	289,047	95,811

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES.	34	2	67	3	3,541	119
ANGLERFISH.	137	40	23	5	1,820	586
BLUEFISH.	242	42	23	3	715	125
BONITO.	25	17	-	-	40	20
BUTTERFISH.	1,273	382	21	4	1,593	472
CARP.	-	-	1	(1)	1	(1)
CATFISH AND BULLHEADS . . .	-	-	7	2	7	2
COD	1,352	388	25	8	55,245	14,385
CROAKER	-	-	-	-	(1)	(1)
CUSK.	2	(1)	-	-	2,797	489
EELS:						
COMMON.	20	11	35	15	557	271
CONGER.	17	2	12	1	35	4
FLOUNDERS:						
BLACKBACK	2,395	798	1,003	173	13,674	4,672
DAB	155	53	2	(1)	7,821	2,364
FLUKE	6,790	3,509	79	37	10,886	5,465
GRAY SOLE	238	80	-	-	4,140	2,053
LEMON SOLE.	216	116	-	-	1,288	666
SAND.	529	108	9	2	4,594	1,148
YELLOWTAIL.	6,657	2,512	126	40	37,374	15,397
UNCLASSIFIED.	-	-	-	-	24	8
TOTAL FLOUNDERS . . .	16,980	7,176	1,219	252	79,803	31,773
FRIGATE MACKEREL.	(1)	(1)	-	-	(1)	(1)
HADDOCK	287	106	-	-	12,789	5,564
HAKE:						
RED	1,310	110	-	-	2,761	246
WHITE	36	5	6	1	9,074	1,189
HALIBUT	1	1	-	-	138	173
HERRING, SEA.	394	18	1	(1)	110,366	4,353
LAUNCE.	-	-	-	-	22	9

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
MACKEREL:						
ATLANTIC	410	87	13	5	2,379	364
KING	7	4	-	-	7	4
MENHADEN	12,713	194	153	8	59,013	967
OCEAN PERCH, ATLANTIC	33	5	-	-	32,143	4,397
OCEAN POUT	932	77	65	1	1,017	80
POLLOCK	68	9	-	-	23,803	3,195
SALMON, ATLANTIC	-	-	-	-	(1)	(1)
SCUP OR PORGY	4,357	829	398	51	6,615	1,305
SEA BASS, BLACK	250	90	4	2	428	164
SEA ROBIN	70	3	1	(1)	71	3
SEA TROUT OR WEAKFISH, GRAY	326	74	13	2	352	78
SHAD	3	1	392	164	412	166
SHARKS:						
GRAYFISH	4	(1)	2	(1)	957	40
UNCLASSIFIED	10	3	(1)	(1)	32	5
SKATES	4	1	3	(1)	259	30
SMELT	-	-	-	-	105	37
STRIPED BASS	154	124	63	47	1,579	1,063
STURGEON, COMMON	1	(1)	-	-	4	(1)
SWORDFISH	338	510	1	1	3,408	4,604
TAUTOG	76	6	6	1	147	14
TILEFISH	123	30	-	-	591	142
TUNA:						
BLUEFIN	1	1	-	-	1,719	927
UNCLASSIFIED	1	1	-	-	3	2
WHITE PERCH	9	3	24	9	59	25
WHITING	7,284	530	34	8	37,205	2,947
WOLFFISH	5	(1)	-	-	1,047	96
UNCLASSIFIED:						
FOR FOOD	432	91	92	15	2,714	762
FOR BAIT, REDUCTION, AND ANIMAL FOOD	12,471	155	1,149	57	14,074	236
TOTAL FISH	62,192	11,128	3,853	665	471,447	81,433
SHELLFISH ET AL.						
CRABS:						
GREEN	3	1	-	-	3	1
JONAH	483	72	-	-	620	112
RED	242	71	-	-	1,394	388
ROCK	63	12	-	-	1,271	120
TOTAL CRABS	791	156	-	-	3,288	621
HORSESHOE CRABS	4	(1)	6	1	18	2
LOBSTERS, AMERICAN	3,413	6,223	480	1,016	29,957	48,765
SHRIMP	-	-	-	-	2,254	764
CLAMS:						
HARD:						
PUBLIC	1,532	1,950	-	-	2,366	3,577
PRIVATE	-	-	144	240	260	407
OCEAN QUAHOG	1,446	358	7	2	1,502	380
RAZOR	-	-	-	-	2	1
SOFT, PUBLIC	3	4	-	-	8,503	9,333
SURF	21	10	-	-	106	64
TOTAL CLAMS	3,002	2,322	151	242	12,739	13,762
CONCHS	89	32	47	22	294	113
MUSSELS, SEA	163	53	-	-	1,610	480
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	-	-	27	70
FALL	-	-	-	-	26	67
PRIVATE:						
SPRING	-	-	62	129	68	145
FALL	-	-	74	153	80	168
TOTAL OYSTERS	-	-	136	282	201	450
PERIWINKLES AND COCKLES	-	-	-	-	38	36
SCALLOPS:						
BAY	-	-	-	-	890	1,973
SEA	247	429	12	16	11,970	22,247
TOTAL SCALLOPS	247	429	12	16	12,860	24,220
SQUID	2,571	612	35	10	6,246	1,130
SEA URCHINS	-	-	-	-	36	2
IRISH MOSS	-	-	-	-	5,200	208
BLOODWORMS	-	-	-	-	532	1,256
SANDWORMS	-	-	-	-	761	897
TOTAL SHELLFISH ET AL.	10,280	9,827	867	1,589	76,034	92,706
GRAND TOTAL	72,472	20,955	4,720	2,254	547,481	174,139

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR MOLLUSKS. CLAMS, CONCHS, MUSSELS, OYSTERS, AND PERIWINKLES AND COCKLES ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS ARE REPORTED IN WEIGHT OF EDIBLE MEATS.

LANDINGS OF CERTAIN SHELLFISH, 1976

SPECIES	MAINE		MASSACHUSETTS		RHODE ISLAND	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:						
HARD:						
PUBLIC	254	5,460	75,550	1,621,033	127,667	1,950,421
PRIVATE	-	-	10,540	167,002	-	-
OCEAN QUAHOG	-	-	4,860	19,640	144,600	358,314
RAZOR	-	-	110	1,298	-	-
SOFT, PUBLIC	491,213	7,489,339	87,112	1,839,855	192	3,761
SURF	-	-	7,762	54,428	1,927	9,563
CONCHS	-	-	10,513	58,541	5,907	32,000
MUSSELS, SEA	80,220	344,424	24,430	83,350	16,290	52,942
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	4,211	70,174	-	-
FALL	-	-	4,043	67,374	-	-
PRIVATE:						
SPRING	-	-	926	16,050	-	-
FALL	-	-	845	14,610	-	-
PERIWINKLES AND COCKLES	2,128	35,770	-	-	-	-
SCALLOPS:						
BAY	-	-	148,280	1,973,191	-	-
SEA	104,900	1,351,808	184,712	20,449,442	41,167	429,069

SPECIES	CONNECTICUT		TOTAL	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:				
HARD:				
PUBLIC	-	-	203,471	3,576,914
PRIVATE	12,000	240,000	22,540	407,002
OCEAN QUAHOG	690	1,891	150,150	379,845
RAZOR	-	-	110	1,298
SOFT, PUBLIC	-	-	578,517	9,332,955
SURF	-	-	9,689	63,991
CONCHS	3,120	22,556	19,540	113,097
MUSSELS, SEA	-	-	120,940	480,716
OYSTERS, MARKET:				
PUBLIC:				
SPRING	-	-	4,211	70,174
FALL	-	-	4,043	67,374
PRIVATE:				
SPRING	8,078	129,280	9,004	145,330
FALL	9,558	152,880	10,403	167,490
PERIWINKLES AND COCKLES	-	-	2,128	35,770
SCALLOPS:				
BAY	-	-	148,280	1,973,191
SEA	2,067	16,440	332,846	22,246,759

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN SHELLFISH, 1976

SPECIES	MAINE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL			
CLAMS:				
HARD:				
PUBLIC	11.00	11.00	12.00	-
PRIVATE	-	11.00	-	12.00
OCEAN QUAHOG	-	10.00	10.00	-
RAZOR	-	16.00	-	-
SOFT, PUBLIC	15.00	13.00	13.00	-
SURF	-	11.00	11.00	-
CONCHS	15.00	15.00	15.00	15.00
MUSSELS, SEA	15.00	10.00	10.00	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING	-	6.50	-	-
FALL	-	6.50	-	-
PRIVATE:				
SPRING	-	6.50	-	7.70
FALL	-	6.50	-	7.70
PERIWINKLES AND COCKLES	18.00	-	-	-
SCALLOPS:				
BAY	-	6.00	-	-
SEA	6.00	6.00	6.00	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

NEW ENGLAND FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1976

Item	Unit	Quantity	Dollars
		Thousands	Thousands
Fresh	Pounds	69,778	112,064
Frozen	do	302,433	271,903
Canned	Standard cases	2,806	51,775
Cured	Pounds	1,938	1,102
Industrial	—	—	30,124
Total	—	—	466,968

VALUE OF PROCESSED PRODUCTS, BY STATES, 1976

State	Thousand dollars
Maine	99,817
New Hamsphire	40,913
Massachusetts	320,423
Rhode Island	5,147
Connecticut	668
Total	466,968

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1976

State	Processing			Wholesale			Total		
	Plants	Employment average		Plants	Employment average		Plants	Employment average	
		Season	Year		Season	Year		Season	Year
	Number								
Maine	85	4,021	2,767	154	474	347	239	4,495	3,114
New Hampshire	10	569	491	3	14	10	13	583	501
Massachusetts	114	4,370	3,637	96	1,019	868	210	5,389	4,505
Rhode Island	17	284	241	15	69	57	32	353	298
Connecticut	4	47	39	5	29	25	9	76	64
Total	230	9,291	7,175	273	1,605	1,307	503	10,896	8,482

Note:--Employment is reported by each plant for each month for the payroll period that includes the 12th of the month. Employment for the season is based on the greatest number of employees working during the payroll period that included the 12th of each month. Employment for the year is obtained by adding the number of employees recorded as working during the payroll period that included the 12th of each month, and dividing by 12.

NEW ENGLAND FISHERIES

PROCESSED FISHERY PRODUCTS, 1976

Item	Unit	Maine		New Hampshire	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Alewives, smoked	Pounds	75	70	–	–
Cod:					
Fresh fillets and steaks	do	248	264	–	–
Salted	do	128	106	–	–
Cusk, fresh fillets	do	225	212	–	–
Eels, smoked	do	2	3	–	–
Flounders, fresh fillets	do	83	104	–	–
Haddock, fresh fillets	do	368	725	–	–
Hake, fresh fillets	do	139	132	–	–
Halibut, fresh steaks	do	(1)	(1)	–	–
Herring, sea:					
Frozen fillets	do	(1)	(1)	–	–
Canned:					
Sardines	Standard cases	1,067	24,478	–	–
Fish and spreads	do	139	6,473	–	–
Pearl essence	–	–	3,439	–	–
Ocean perch, fresh and frozen fillets	Pounds	6,157	4,783	–	–
Pollock:					
Fresh and frozen fillets and steaks	do	373	198	–	–
Salted	do	35	21	–	–
Swordfish, fresh steaks	do	(1)	(1)	–	–
Tuna, fresh steaks	do	(1)	(1)	–	–
Whiting, frozen;					
Headed and dressed	do	(1)	(1)	–	–
Fillets	do	(1)	(1)	–	–
Crabs, rock, fresh and frozen, cooked meat	do	218	760	–	–
Lobsters, northern, fresh and frozen, cooked meat	do	87	827	(2)	(2)
Shrimp, fresh and frozen, peeled including deveined:					
Raw	do	231	376	–	–
Cooked	do	131	311	–	–
Clams, soft, fresh and frozen, shucked	Gallons	252	4,518	81	1,492
Unclassified:					
Fresh and frozen:					
Fillets:					
Raw	Pounds	(1)	(1)	–	–
Breaded, raw and cooked	do	(3) 988	(3) 1,615	(2)	(2)
Fish and shellfish	do	(4) 47,422	(4) 51,767	(2)	(2)
Canned	Standard cases	(5) 697	(5) 11,473	–	–
Cured	Pounds	(6) 1,697	(6) 903	–	–
Industrial	–	–	(7) 23,827	–	–
Total	–	–	99,817	–	40,913

Item	Unit	Massachusetts		Rhode Island and Connecticut	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Anglerfish, fresh and frozen fillets	Pounds	223	134	–	–
Bluefish, fresh fillets	do	26	25	–	–
Cod, fresh and frozen fillets and steaks	do	11,415	13,673	–	–
Cusk, fresh and frozen fillets	do	1,564	1,579	–	–
Flounders, fresh and frozen fillets	do	26,465	44,929	320	497
Haddock, fresh and frozen:					
Fillets	do	9,296	16,461	–	–
Cooked au-gratins, dinners, and in casseroles	do	554	594	–	–
Hake, fresh and frozen fillets	do	1,269	909	–	–
Halibut, fresh and frozen steaks	do	567	1,121	–	–
Herring, sea, frozen fillets	do	15,174	3,695	–	–
Mackerel, Atlantic, fresh fillets	do	22	9	–	–

See footnotes at end of table.

(Continued on next page)

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Massachusetts		Rhode Island and Connecticut	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Ocean perch, Atlantic, fresh and frozen fillets	Pounds	3,279	3,303	–	–
Pollock, fresh and frozen fillets and steaks	do	6,156	4,270	–	–
Salmon, fresh and frozen, steaks	do	138	325	–	–
Swordfish, fresh and frozen steaks	do	476	1,225	–	–
Tuna, fresh steaks	do	12	14	–	–
Whiting, fresh and frozen:					
Headed and dressed	do	9,961	3,570	–	–
Fillets	do	988	613	–	–
Wolffish, fresh and frozen fillets	do	280	220	–	–
Lobsters, fresh and frozen cooked meat	do	216	2,036	69	641
Shrimp, fresh and frozen:					
Peeled, including deveined, raw	do	1,378	2,533	–	–
Breaded, raw and cooked	do	3,061	4,572	–	–
Cooked creoles, cocktails, and dinners, breaded raw croquettes and patties	do	1,422	1,715	–	–
Clams, fresh and frozen:					
Shucked:					
Hard	Gallons	15	285	12	103
Soft	do	170	3,599	–	–
Surf	do	(8)	(8)	287	2,901
Ocean quahogs	do	–	–	403	2,625
Breaded, raw and cooked strips, burgers, stuffed on the half shell, and cooked chowders	Pounds	842	1,206	–	–
Conchs, fresh and frozen shucked meats	do	–	–	335	349
Scallops, fresh and frozen:					
Bay shucked	Gallons	52	1,412	–	–
Sea:					
Shucked	Pounds	8,870	18,661	–	–
Breaded, raw and cooked	do	2,090	4,238	–	–
Unclassified:					
Fresh and frozen:					
Fillets:					
Raw	do	(9) 900	(9) 533	–	–
Breaded, raw and cooked	do	(10) 10,013	(10) 9,445	–	–
Sticks, breaded:					
Raw	do	827	802	–	–
Cooked	do	41,064	33,592	–	–
Portions:					
Raw:					
Not breaded	do	2,579	2,614	–	–
Breaded	do	70,106	56,079	–	–
Breaded and cooked	do	38,951	32,688	–	–
Dinners, cooked	do	12,556	14,656	–	–
Breaded, raw and cooked:					
Cakes	do	4,426	2,872	–	–
Fish and chips	do	5,874	3,799	–	–
Fish and shellfish	do	(11) 11,817	(11) 14,762	(1)	(1)
Canned	Standard cases	(12) 903	(12) 9,351	–	–
Cured	Pounds	(2)	(2)	–	–
Industrial	–	–	(13) 2,859	–	(1)
Total	–	–	320,423	–	5,815

(1) Included with Massachusetts. (2) Included with Maine. (3) Includes breaded raw or breaded cooked fillets of cod, flounders, haddock, Atlantic ocean perch, and turbot. (4) Includes form-pressed fillets of cod, flounders, haddock, and Atlantic ocean perch; Northern lobsters whole cooked; spiny lobster tails repacked; shrimp, whole cooked; spiny lobster tails repacked; shrimp, whole cooked, shrimp cooked and peeled, shrimp breaded raw, shrimp burgers breaded raw; mussels shucked; oysters breaded raw; sea scallops breaded, raw and cooked; fish stick, breaded, raw and cooked; fish portions breaded, raw cooked, and not breaded; unclassified breaded burgers, cakes, and fish and chips; and unclassified shellfish repacked. (5) Includes haddock finnan haddies; salmon spreads; rock crab, deviled, dips, spreads and meat; lobster bisques, deviled, dips, newburgs, spreads, in sauces, and meat; shrimp, chowders, dips, and spreads; soft and surf clams whole, chowders, juices, bisques, dips, in the shell and spreads; oyster stews; and unclassified chowders and dips. (6) Includes smoked haddock, hake, sea herring, pollock and unclassified fish; salted alewives, sea herring, sea herring roe, and unclassified fish. (7) Includes the values of herring meal, oil; and Irish moss extracts. (8) Included with Rhode Island and Connecticut. (9) Includes fillets of butterfish, ocean pout, shark, striped bass, tautog, turbot, and unclassified fish. (10) Includes breaded, raw and cooked fillets of cod, flounder, haddock, ocean perch, and unclassified fish. (11) Includes flounder and turbot cooked in casseroles; herring headed and dressed; smelt breaded and cooked; tuna cooked with noodles, cooked red crabmeat, lobster whole cooked, and breaded raw lobster meat; spiny lobster meat repacked; shrimp cooked and peeled; sea mussels shucked; oyster stews cooked, squid frozen natural, and oysters shucked fresh. (12) Includes surf clam chowder; unclassified fish for animal food; and cakes and flakes. (13) Includes the values of liver oils of cod, halibut, and shark ; herring oil; menhaden meal and oil; unclassified meal and solubles; fish protein concentrate; fish ground for animal feed; and seaweed dried.

Note:--This table will not add. Individual State totals are correct. Some of the products may have been processed from raw products imported from another State or a foreign country; therefore, they cannot be correlated directly with landings within the State. Certain items are shown in an intermediate and also a more advanced stage of processing.

NEW ENGLAND FISHERIES

MAINE

OPERATING UNITS BY GEAR, 1976

ITEM	STOP SEINES	PURSE SEINES		BAG NETS	OTTER TRAWLS	
		HERRING	MENHADEN		FISH	SHRIMP
	NUMBER					
FISHERMEN:						
ON VESSELS	24	39	53	-	307	112
ON BOATS AND SHORE:						
FULL-TIME	149	27	-	-	59	146
PART-TIME	51	9	-	4	49	128
TOTAL	224	75	53	4	415	386
VESSELS, MOTOR	7	11	11	-	110	54
GROSS TONNAGE	132	312	1,151	-	6,709	1,607
BOATS:						
MOTOR	53	19	10	2	57	137
OTHER	101	31	1	-	-	-
GEAR	57	20	11	2	167	191

ITEM	WEIRS	FLOATING TRAPS	POTS AND TRAPS		GILL NETS, ANCHOR, SET, OR STAKE	LINES
			EEL	LOBSTER, INSHORE		HAND
	NUMBER					
FISHERMEN:						
ON VESSELS	-	-	-	87	57	-
ON BOATS AND SHORE:						
FULL-TIME	42	4	20	3,307	92	42
PART-TIME	38	4	28	5,716	30	69
TOTAL	80	8	48	9,110	179	111
VESSELS, MOTOR	-	-	-	69	22	-
GROSS TONNAGE	-	-	-	881	548	-
BOATS:						
MOTOR	27	4	48	7,072	43	20
OTHER	45	-	-	-	-	-
GEAR	27	4	3,475	1,753,740	65	111

ITEM	LINES - CONTINUED	DIP NETS, COMMON	HARPOONS	DREDGES		RAKES
	LONG OR SET WITH HOOKS			SCALLOP, SEA	OTHER	
	NUMBER					
FISHERMEN:						
ON VESSELS	62	-	-	8	-	-
ON BOATS AND SHORE:						
FULL-TIME	184	-	41	325	2	9
PART-TIME	90	50	55	97	2	127
TOTAL	336	50	96	430	4	136
VESSELS, MOTOR	21	-	-	3	-	-
GROSS TONNAGE	1,045	-	-	53	-	-
BOATS, MOTOR	137	-	48	223	2	136
GEAR	158	25	48	226	2	136

ITEM	HOES	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN:				
ON VESSELS	-	-	-	538
ON BOATS AND SHORE:				
FULL-TIME	2,469	1	-	6,220
PART-TIME	3,335	2	26	9,107
TOTAL	5,804	3	26	15,865
VESSELS, MOTOR	-	-	-	217
GROSS TONNAGE	-	-	-	9,686
BOATS:				
MOTOR	-	1	-	7,508
OTHER	-	-	-	178
GEAR	5,804	3	-	-

MAINE - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	STOP SEINES		PURSE SEINES			
			HERRING		MENHADEN	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HERRING, SEA	55,621,500	2,468,464	10,534,800	404,217	-	-
MACKEREL, ATLANTIC	-	-	105,600	16,089	-	-
MENHADEN	-	-	-	-	17,552,600	299,775
TOTAL	55,621,500	2,468,464	10,640,400	420,306	17,552,600	299,775

SPECIES	BAG NETS		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	-	-	201,700	65,606	10,300	3,537
BUTTERFISH	-	-	8,600	5,136	-	-
COD	-	-	1,986,200	483,248	289,400	83,923
CUSK	-	-	255,500	40,218	4,000	784
FLOUNDERS:						
BLACKBACK	-	-	323,700	88,118	60,400	18,291
DAB	-	-	1,929,200	560,481	110,500	40,414
FLUKE	-	-	-	-	100	14
GRAY SOLE	-	-	834,200	383,906	17,000	7,318
LEMON SOLE	-	-	200	102	-	-
YELLOWTAIL	-	-	302,200	115,829	10,400	4,542
HADDOCK	-	-	1,046,000	483,403	40,200	22,114
HAKE:						
RED	-	-	800	50	-	-
WHITE	-	-	950,100	134,065	9,000	1,651
HALIBUT	-	-	20,300	25,256	1,200	1,964
MACKEREL, ATLANTIC	-	-	500	115	-	-
OCEAN PERCH, ATLANTIC	-	-	20,751,900	2,598,837	3,300	396
POLLOCK	-	-	1,189,300	141,895	2,200	223
SHAD	-	-	400	47	-	-
SHARKS	-	-	900	180	-	-
SKATES	-	-	40,000	5,651	15,800	1,817
SMELT	65,100	22,350	2,000	713	-	-
STURGEON, COMMON	-	-	700	162	-	-
TAUTOG	-	-	2,200	287	-	-
WHITING	-	-	340,800	23,445	5,400	427
WOLFFISH	-	-	42,200	3,648	400	71
UNCLASSIFIED:						
FOR FOOD	-	-	473,300	119,088	33,500	9,570
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	362,900	15,474	23,200	995
SHRIMP	-	-	6,300	2,437	1,354,500	485,375
SQUID	-	-	40,800	6,047	-	-
SEA URCHINS	-	-	5,300	345	-	-
TOTAL	65,100	22,350	31,118,200	5,303,789	1,990,800	683,426

SPECIES	WEIRS		FLOATING TRAPS		POTS AND TRAPS	
					EEL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	400	89	-	-
BUTTERFISH	-	-	500	161	-	-
COD	-	-	100	50	-	-
CUSK	-	-	200	22	-	-
EELS, COMMON	-	-	-	-	191,000	93,665
HERRING, SEA	4,074,900	180,613	2,500	72	-	-
MACKEREL, ATLANTIC	8,100	2,835	280,600	59,600	-	-
SMELT	-	-	1,100	126	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	8,100	460
SQUID	-	-	1,700	284	-	-
TOTAL	4,083,000	183,448	287,100	60,404	199,100	94,125

(CONTINUED ON NEXT PAGE)

MAINE - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS, ANCHOR, SET, OR STAKE		LINES	
	LOBSTER, INSHORE				HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	-	-	59,500	16,428	-	-
COD	-	-	3,678,800	771,829	6,100	822
CUSK	-	-	198,900	31,480	100	4
FLOUNDERS:						
BLACKBACK	-	-	3,500	1,098	-	-
DAB	-	-	12,400	4,412	-	-
GRAY SOLE	-	-	600	324	-	-
YELLOWTAIL	-	-	1,600	521	-	-
HADDOCK	-	-	419,000	212,445	-	-
HAKE:						
RED	-	-	6,700	755	-	-
WHITE	-	-	3,920,400	398,390	-	-
HALIBUT	-	-	6,500	7,751	300	368
MACKEREL, ATLANTIC	-	-	9,800	2,463	-	-
OCEAN PERCH, ATLANTIC	-	-	28,000	4,339	-	-
POLLOCK	-	-	6,441,000	722,259	-	-
SALMON, ATLANTIC	-	-	(1)	69	-	-
SHAD	-	-	14,300	1,304	-	-
SHARKS:						
GRAYFISH	-	-	944,300	39,305	-	-
UNCLASSIFIED	-	-	9,400	999	-	-
SKATES	-	-	2,800	358	-	-
SMELT	-	-	-	-	11,100	4,217
STURGEON, COMMON	-	-	600	115	-	-
TUNA, BLUEFIN	-	-	800	360	4,800	1,770
WHITING	-	-	61,200	4,732	-	-
WOLFFISH	-	-	4,700	498	-	-
UNCLASSIFIED, FOR FOOD	-	-	47,000	6,432	-	-
CRABS, ROCK	1,160,100	102,831	-	-	-	-
LOBSTERS, AMERICAN	19,001,000	29,238,371	-	-	-	-
SQUID	-	-	100	6	-	-
TOTAL	20,161,100	29,341,202	15,871,900	2,228,672	22,400	7,181

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		HARPOONS	
	LONG OR SET WITH HOOKS					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	3,394,600	111,898	-	-
ANGLERFISH	1,900	653	-	-	-	-
COD	406,300	89,391	-	-	-	-
CUSK	403,100	74,411	-	-	-	-
FLOUNDERS:						
BLACKBACK	300	61	-	-	-	-
DAB	3,500	1,024	-	-	-	-
GRAY SOLE	100	36	-	-	-	-
HADDOCK	32,100	15,163	-	-	-	-
HAKE, WHITE	644,500	66,671	-	-	-	-
HALIBUT	20,200	24,667	-	-	-	-
OCEAN PERCH, ATLANTIC	200	42	-	-	-	-
POLLOCK	84,500	9,756	-	-	-	-
SHARKS, UNCLASSIFIED	700	100	-	-	-	-
SKATES	21,300	2,781	-	-	-	-
SMELT	100	28	600	303	-	-
SWORDFISH	610,500	824,524	-	-	-	-
TUNA:						
BLUEFIN	900	288	-	-	63,200	24,033
UNCLASSIFIED	2,300	906	-	-	-	-
WHITING	100	16	-	-	-	-
WOLFFISH	200	21	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	32,900	5,150	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	300	10	-	-	-	-
TOTAL	2,266,000	1,115,699	3,395,200	112,201	63,200	24,033

SPECIES	DREDGES				RAKES	
	SCALLOP, SEA		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SCALLOPS, SEA	629,200	1,351,326	-	-	-	-
SEA URCHINS	-	-	30,800	1,889	-	-
IRISH MOSS	-	-	-	-	4,000,000	160,000
TOTAL	629,200	1,351,326	30,800	1,889	4,000,000	160,000

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MAINE - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	HOES		DIVING OUTFITS		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:						
HARD, PUBLIC	2,800	5,460	-	-	-	-
SOFT, PUBLIC	7,367,900	7,488,939	-	-	300	400
MUSSELS, SEA	1,203,300	344,424	-	-	-	-
PERIWINKLES AND COCKLES	-	-	-	-	38,300	35,770
SCALLOPS, SEA	-	-	200	482	-	-
BLOODWORMS	532,500	1,255,852	-	-	-	-
SANDWORMS	698,000	812,318	-	-	-	-
TOTAL	9,804,500	9,906,993	200	482	38,600	36,170

1/ LESS THAN 50 POUNDS.

NEW HAMPSHIRE

OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	BAG NETS	OTTER TRAWLS		WEIRS
			FISH	SHRIMP	
	NUMBER				
FISHERMEN, ON BOATS AND SHORE:					
FULL-TIME	-	-	20	8	-
PART-TIME	6	8	-	-	4
TOTAL	6	8	20	8	4
BOATS:					
MOTOR	4	-	9	4	1
OTHER	-	-	-	-	2
GEAR	2	8	9	4	4

ITEM	POTS AND TRAPS		GILL NETS, ANCHOR, SET, OR STAKE	LINES	
	CRAB	LOBSTER, INSHORE		HAND	LONG OR SET WITH HOOKS
	NUMBER				
FISHERMEN, ON BOATS AND SHORE:					
FULL-TIME	-	63	28	-	4
PART-TIME	28	290	8	100	5
TOTAL	28	353	36	100	9
BOATS:					
MOTOR	15	270	14	24	6
OTHER	-	8	-	-	-
GEAR	500	24,000	14	100	6

ITEM	DIP NETS, COMMON	HARPOONS	SPEARS	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN, ON BOATS AND SHORE:					
FULL-TIME	-	5	-	7	106
PART-TIME	16	20	8	38	395
TOTAL	16	25	8	45	501
BOATS:					
MOTOR	-	20	-	-	306
OTHER	-	-	-	15	25
GEAR	16	25	8	45	-

NEW ENGLAND FISHERIES

NEW HAMPSHIRE - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		BAG NETS		OTTER TRAWLS	
					FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH.	-	-	-	-	2,800	803
COD	-	-	-	-	107,200	29,812
CUSK.	-	-	-	-	19,200	3,521
FLOUNDERS:						
BLACKBACK	-	-	-	-	25,600	7,087
DAB	-	-	-	-	109,300	33,380
GRAY SOLE	-	-	-	-	12,400	6,182
YELLOWTAIL.	-	-	-	-	14,000	5,077
HADDOCK	-	-	-	-	17,000	8,892
HAKE, WHITE	-	-	-	-	35,500	4,960
LAUNCE.	8,300	2,905	-	-	-	-
OCEAN PERCH, ATLANTIC . . .	-	-	-	-	9,900	1,931
POLLOCK	-	-	-	-	57,000	8,100
SKATES.	-	-	-	-	2,600	350
SMELT	-	-	4,000	1,440	-	-
WHITING	-	-	-	-	34,500	2,739
WOLFFISH.	-	-	-	-	1,500	153
UNCLASSIFIED, FOR FOOD. . .	-	-	-	-	4,000	563
TOTAL	8,300	2,905	4,000	1,440	452,500	113,550

SPECIES	OTTER TRAWLS - CONTINUED		WEIRS		POTS AND TRAPS	
	SHRIMP				CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH.	900	258	-	-	-	-
COD	4,500	1,251	-	-	-	-
CUSK.	200	46	-	-	-	-
EELS, COMMON.	-	-	4,600	2,300	-	-
FLOUNDERS:						
BLACKBACK	1,200	340	-	-	-	-
DAB	3,600	1,084	-	-	-	-
GRAY SOLE	400	224	-	-	-	-
YELLOWTAIL.	1,200	453	-	-	-	-
HADDOCK	900	471	-	-	-	-
HAKE, WHITE	500	70	-	-	-	-
POLLOCK	600	85	-	-	-	-
SKATES.	400	48	-	-	-	-
SMELT	-	-	5,000	1,800	-	-
WHITING	1,000	79	-	-	-	-
WOLFFISH.	1,800	184	-	-	-	-
UNCLASSIFIED, FOR FOOD. . .	2,100	296	-	-	-	-
CRABS, ROCK	-	-	-	-	37,500	3,750
SHRIMP.	16,200	5,340	-	-	-	-
TOTAL	35,500	10,229	9,600	4,100	37,500	3,750

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS, ANCHOR, SET, OR STAKE		LINES	
	LOBSTER, INSHORE				HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH.	-	-	16,600	4,752	300	86
COD	-	-	538,700	149,813	22,400	6,216
CUSK.	-	-	35,700	6,554	11,400	2,093
FLOUNDERS:						
DAB	-	-	6,900	2,107	800	221
GRAY SOLE	-	-	500	249	200	125
YELLOWTAIL.	-	-	-	-	300	109
HADDOCK	-	-	79,500	41,579	3,100	1,621
HAKE, WHITE	-	-	235,000	15,102	4,700	624
HALIBUT	-	-	-	-	400	424
MACKEREL, ATLANTIC.	-	-	-	-	400	83
OCEAN PERCH, ATLANTIC . . .	-	-	3,900	761	-	-
POLLOCK	-	-	1,066,500	151,544	17,200	2,437
SHAD.	-	-	1,800	162	-	-
SHARKS, UNCLASSIFIED. . . .	-	-	1,400	137	-	-
SKATES.	-	-	2,000	275	400	62
SMELT	-	-	-	-	10,000	3,600
STRIPED BASS.	-	-	-	-	2,500	1,117
STURGEON, COMMON.	-	-	600	109	-	-
TUNA, BLUEFIN	-	-	-	-	13,700	5,256
WHITING	-	-	2,500	189	-	-
WOLFFISH.	-	-	7,100	727	600	61
UNCLASSIFIED, FOR FOOD. . .	-	-	8,500	1,197	1,500	211
CRABS, ROCK	10,000	1,000	-	-	-	-
LOBSTERS, AMERICAN.	477,200	668,150	-	-	-	-
TOTAL.	487,200	669,150	2,007,200	375,257	89,900	24,346

(CONTINUED ON NEXT PAGE)

NEW HAMPSHIRE - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		HARPOONS	
	LONG OR SET WITH HOOKS					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	1,500	430	-	-	-	-
COD	62,300	17,326	-	-	-	-
CUSK	93,400	17,157	-	-	-	-
FLOUNDERS:						
DAB	900	249	-	-	-	-
UNCLASSIFIED	2,000	2,360	-	-	-	-
HADDOCK	12,500	6,538	-	-	-	-
HAKE, WHITE	24,700	3,444	-	-	-	-
POLLOCK	15,500	2,203	-	-	-	-
SHARKS, UNCLASSIFIED	800	81	-	-	-	-
SKATES	1,200	165	-	-	-	-
SMELT	-	-	5,500	1,980	-	-
TUNA, BLUEFIN	-	-	-	-	18,400	7,090
WHITING	500	40	-	-	-	-
WOLFFISH	1,300	133	-	-	-	-
UNCLASSIFIED, FOR FOOD	1,200	169	-	-	-	-
TOTAL	217,800	50,295	5,500	1,980	18,400	7,090

SPECIES	SPEARS		HOES	
	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS, COMMON	1,500	750	-	-
SANDWORMS	-	-	26,500	31,800
TOTAL	1,500	750	26,500	31,800

MASSACHUSETTS

OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES		PURSE SEINES		
	COMMON	DANISH	HERRING	MENHADEN	TUNA
	NUMBER				
FISHERMEN:					
ON VESSELS, FULL-TIME	-	9	52	34	21
ON BOATS AND SHORE:					
FULL-TIME	2	3	-	-	-
PART-TIME	17	-	-	-	-
TOTAL	19	12	52	34	21
VESSELS, MOTOR	-	3	8	5	2
GROSS TONNAGE	-	264	827	585	262
BOATS:					
MOTOR	5	1	7	5	2
OTHER	1	-	1	5	2
GEAR	7	4	8	5	2

ITEM	OTTER TRAWLS			MIDWATER TRAWLS	POUND NETS, FISH	FLOATING TRAPS
	FISH	LOBSTER	SHRIMP			
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME	1,806	78	69	86	-	7
ON BOATS AND SHORE:						
FULL-TIME	59	-	-	-	20	6
PART-TIME	18	-	-	-	-	12
TOTAL	1,883	78	69	86	20	25
VESSELS, MOTOR	389	12	16	20	-	3
GROSS TONNAGE	26,766	1,684	829	1,438	-	40
BOATS:						
MOTOR	35	-	-	1	4	6
OTHER	-	-	-	-	8	7
GEAR	429	12	16	20	14	9

(CONTINUED ON NEXT. PAGE)

MASSACHUSETTS - OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	POTS AND TRAPS					
	CONCH	CRAB	EEL	FISH	LOBSTER	
					INSHORE	OFFSHORE
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME . .	-	20	-	-	-	144
ON BOATS AND SHORE:						
FULL-TIME	25	2	15	-	1,187	-
PART-TIME	40	2	87	12	92	-
TOTAL	65	24	102	12	1,279	144
VESSELS, MOTOR.	-	2	-	-	-	36
GROSS TONNAGE	-	352	-	-	-	1,744
BOATS, MOTOR.	54	2	99	11	1,212	-
GEAR.	1,850	1,280	4,340	295	218,451	21,250

ITEM	GILL NETS		LINES			DIP NETS, COMMON
	ANCHOR, SET, OR STAKE	DRIFT	HAND	TROLL	LONG OR SET WITH HOOKS	
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME . .	39	-	3	-	259	-
ON BOATS AND SHORE:						
FULL-TIME	65	4	140	40	128	12
PART-TIME	58	2	2,058	1,072	34	74
TOTAL	162	6	2,201	1,112	421	86
VESSELS, MOTOR.	14	-	1	-	54	-
GROSS TONNAGE	300	-	21	-	4,057	-
BOATS:						
MOTOR	51	3	979	563	78	59
OTHER	1	-	-	-	-	-
GEAR.	65	3	3,004	1,112	130	86

ITEM	HARPOONS		SPEARS	DREDGES		
	SWORDFISH	OTHER		CLAM	MUSSEL, SEA	SCALLOP
						BAY
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME . .	80	-	-	11	-	-
ON BOATS AND SHORE:						
FULL-TIME	-	21	-	27	1	351
PART-TIME	-	150	33	30	2	777
TOTAL	80	171	33	68	3	1,128
VESSELS, MOTOR.	19	-	-	4	-	-
GROSS TONNAGE	968	-	-	64	-	-
BOATS, MOTOR.	-	60	6	28	3	598
GEAR.	19	60	33	32	3	2,525

ITEM	DREDGES - CONTINUED	TONGS	RAKES	
	SCALLOP - CONTINUED		OYSTER	OTHER
	SEA			
	NUMBER			
FISHERMEN:				
ON VESSELS, FULL-TIME . .	468	-	-	-
ON BOATS AND SHORE:				
FULL-TIME	37	48	71	317
PART-TIME	-	99	204	1,055
TOTAL	505	147	275	1,372
VESSELS, MOTOR.	69	-	-	-
GROSS TONNAGE	5,849	-	-	-
BOATS:				
MOTOR	12	147	227	972
OTHER	-	8	-	55
GEAR.	125	147	275	1,372

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	HOES	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN:				
ON VESSELS, FULL-TIME	-	-	-	2,673
ON BOATS AND SHORE:				
FULL-TIME	163	-	-	2,258
PART-TIME	553	10	14	5,339
TOTAL	716	10	14	10,270
VESSELS, MOTOR	-	-	-	544
GROSS TONNAGE	-	-	-	38,596
BOATS:				
MOTOR	538	8	8	4,696
OTHER	-	2	-	90
GEAR	716	10	-	-

MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES				PURSE SEINES	
	COMMON		DANISH		HERRING	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	38,500	1,605	-	-	-	-
ANGLERFISH	-	-	100	77	-	-
COD	-	-	4,700	1,545	400	130
FLOUNDERS:						
BLACKBACK	-	-	2,500	848	-	-
DAB	-	-	8,400	2,476	-	-
GRAY SOLE	-	-	2,600	1,622	-	-
YELLOWTAIL	-	-	13,900	6,228	-	-
HAKE, WHITE	-	-	300	60	-	-
HERRING, SEA	-	-	-	-	24,635,600	797,582
LAUNCE	14,000	6,300	-	-	-	-
MACKEREL, ATLANTIC	-	-	-	-	326,400	19,832
POLLOCK	-	-	-	-	200	25
SKATES	-	-	300	36	-	-
TUNA, BLUEFIN	-	-	-	-	28,100	32,387
WHITE PERCH	22,000	10,900	-	-	-	-
WHITING	-	-	-	-	600	42
UNCLASSIFIED, FOR FOOD	-	-	100	39	-	-
TOTAL	74,500	18,805	32,900	12,931	24,991,300	849,998

SPECIES	PURSE SEINES - CONTINUED				OTTER TRAWLS	
	MENHADEN		TUNA		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	-	-	-	-	1,268,500	417,558
BLUEFISH	-	-	-	-	27,500	3,584
BUTTERFISH	-	-	-	-	66,000	22,554
COD	-	-	-	-	39,320,800	10,487,877
CROAKER	-	-	-	-	100	21
CUSK	-	-	-	-	800,900	151,953
FLOUNDERS:						
BLACKBACK	-	-	-	-	9,332,100	3,412,112
DAB	-	-	-	-	5,394,800	1,640,352
FLUKE	-	-	-	-	3,911,700	1,867,522
GRAY SOLE	-	-	-	-	3,007,600	1,560,573
LEMON SOLE	-	-	-	-	1,067,700	549,115
SAND	-	-	-	-	4,051,800	1,036,996
YELLOWTAIL	-	-	-	-	29,996,200	12,608,633
UNCLASSIFIED	-	-	-	-	21,600	6,057
HADDOCK	-	-	-	-	10,543,100	4,512,723
HAKE:						
RED	-	-	-	-	1,303,900	110,984
WHITE	-	-	-	-	2,514,700	447,110
HALIBUT	-	-	-	-	51,600	59,413
HERRING, SEA	-	-	-	-	192,300	8,182
MACKEREL, ATLANTIC	-	-	-	-	71,500	10,462
MENHADEN	28,594,200	465,070	-	-	-	-
OCEAN PERCH, ATLANTIC	-	-	-	-	11,230,000	1,772,021
OCEAN POUT	-	-	-	-	19,500	1,850
POLLOCK	-	-	-	-	13,890,800	2,023,300
SCUP OR PORGY	-	-	-	-	1,132,300	260,027
SEA BASS, BLACK	-	-	-	-	148,300	60,829
SEA ROBIN	-	-	-	-	100	19

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	PURSE SEINES - CONTINUED				OTTER TRAWLS	
	MENHADEN		TUNA		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	6,400	928
SHARKS:						
GRAYFISH	-	-	-	-	7,000	630
UNCLASSIFIED	-	-	-	-	1,600	192
SKATES	-	-	-	-	143,100	14,917
STRIPED BASS	-	-	-	-	2,600	1,381
STURGEON, COMMON	-	-	-	-	700	110
TAUTOG	-	-	-	-	42,500	4,979
TILEFISH	-	-	-	-	9,700	1,778
TUNA, BLUEFIN	-	-	363,600	208,180	1,800	920
WHITING	-	-	-	-	29,383,000	2,370,570
WOLFFISH	-	-	-	-	957,300	88,766
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	1,431,300	468,374
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	63,500	7,979
CRABS:						
JONAH	-	-	-	-	10,000	3,000
ROCK	-	-	-	-	400	60
LOBSTERS, AMERICAN	-	-	-	-	274,200	499,218
SHRIMP, SALTWATER	-	-	-	-	234,400	67,894
CONCHS	-	-	-	-	13,700	2,316
SCALLOPS, SEA	-	-	-	-	681,000	1,109,047
SQUID	-	-	-	-	3,036,600	396,396
TOTAL	28,594,300	465,070	363,600	208,180	175,666,200	48,071,282

SPECIES	OTTER TRAWLS - CONTINUED				MIDWATER TRAWLS	
	LOBSTER		SHRIMP			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	15,200	5,130	7,100	1,764	1,600	676
COD	11,000	2,967	132,000	43,706	26,200	7,986
CUSK	6,300	959	6,900	1,650	100	14
FLOUNDERS:						
BLACKBACK	1,800	673	3,900	1,191	54,800	18,458
DAB	10,600	3,373	48,800	15,599	13,100	3,035
FLUKE	-	-	-	-	300	134
GRAY SOLE	900	429	17,600	7,743	1,000	444
LEMON SOLE	200	120	-	-	-	-
SAND	-	-	-	-	800	198
YELLOWTAIL	13,100	3,912	7,000	3,042	120,300	50,479
HADDOCK	7,900	4,952	4,500	2,090	1,700	232
HAKE:						
RED	2,200	261	8,600	1,434	200	10
WHITE	11,200	2,342	6,700	1,573	-	-
HALIBUT	900	764	1,300	1,388	-	-
HERRING, SEA	-	-	39,300	1,398	14,866,800	473,367
MACKEREL, ATLANTIC	-	-	-	-	749,500	46,920
OCEAN PERCH, ATLANTIC	61,200	10,878	21,200	1,884	100	17
POLLOCK	23,400	3,408	3,900	890	-	-
SKATES	-	-	4,300	402	-	-
WHITING	-	-	-	-	5,000	544
WOLFFISH	-	-	-	-	400	34
UNCLASSIFIED, FOR FOOD	-	-	-	-	200	43
LOBSTERS, AMERICAN	369,400	671,558	-	-	-	-
SHRIMP	-	-	642,700	203,080	-	-
SQUID	-	-	-	-	100	19
TOTAL	535,300	711,726	955,800	288,834	15,842,200	602,610

SPECIES	POUND NETS, FISH		FLOATING TRAPS		POTS AND TRAPS	
					CONCH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	-	-	100	39	-	-
BLUEFISH	37,800	3,713	2,200	330	-	-
BONITO	15,000	3,419	-	-	-	-
BUTTERFISH	222,000	57,996	1,600	405	-	-
COD	-	-	6,900	1,637	-	-
CUSK	-	-	300	25	-	-

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POUND NETS, FISH		FLOATING TRAPS		POTS AND TRAPS	
					CONCH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS:						
BLACKBACK	700	181	1,200	254	-	-
FLUKE	22,800	11,637	-	-	-	-
LEMON SOLE.	-	-	500	66	-	-
YELLOWTAIL.	-	-	600	224	-	-
HADDOCK	-	-	100	75	-	-
HAKE, RED	-	-	2,700	797	-	-
HERRING, SEA.	-	-	2,900	99	-	-
MACKEREL, ATLANTIC.	230,300	60,405	122,700	34,266	-	-
POLLOCK	-	-	1,300	246	-	-
SCUP OR PORGY	582,200	113,673	-	-	-	-
SEA BASS, BLACK	23,300	10,283	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	6,600	1,148	-	-	-	-
SHARKS, UNCLASSIFIED. . . .	100	13	-	-	-	-
STRIPED BASS.	1,600	789	-	-	-	-
TAUTOG.	1,700	206	-	-	-	-
WHITING	-	-	1,500	164	-	-
UNCLASSIFIED, FOR FOOD. . .	24,500	6,644	8,800	625	-	-
CONCHS.	-	-	-	-	138,000	53,725
SQUID	559,600	105,660	700	165	-	-
TOTAL	1,728,200	375,767	154,100	39,417	138,000	53,725

SPECIES	POTS AND TRAPS - CONTINUED					
	CRAB		EEL		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS, COMMON.	-	-	285,800	136,081	-	-
SCUP OR PORGY	-	-	-	-	75,000	27,850
SEA BASS, BLACK	-	-	-	-	1,200	700
CRABS, RED.	1,152,000	316,683	-	-	-	-
HORSESHOE CRABS	5,000	1,000	-	-	-	-
TOTAL	1,157,000	317,683	285,800	136,081	76,200	28,550

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	LOBSTER				ANCHOR, SET, OR STAKE	
	INSHORE		OFFSHORE			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH.	-	-	-	-	30,900	10,254
BLUEFISH.	-	-	-	-	100	19
COD	-	-	-	-	2,178,300	599,143
CUSK.	-	-	-	-	81,100	14,893
EELS, CONGER.	-	-	6,500	813	-	-
FLOUNDERS:						
BLACKBACK	-	-	-	-	271,800	91,135
DAB	-	-	-	-	5,000	1,192
GRAY SOLE	-	-	-	-	2,500	1,042
LEMON SOLE.	-	-	-	-	200	23
SAND.	-	-	-	-	300	62
YELLOWTAIL.	-	-	-	-	28,900	12,946
HADDOCK	-	-	-	-	119,500	56,309
HAKE:						
RED	-	-	-	-	35,600	6,258
WHITE	-	-	-	-	127,400	18,642
HALIBUT	-	-	-	-	3,100	4,292
MACKEREL, ATLANTIC.	-	-	-	-	3,200	721
POLLOCK	-	-	-	-	639,400	80,997
SHARKS, UNCLASSIFIED. . . .	-	-	-	-	1,700	208
SKATES.	-	-	-	-	2,800	303
STRIPED BASS.	-	-	-	-	(1)	60
STURGEON, COMMON.	-	-	-	-	300	48
TAUTOG.	-	-	-	-	9,900	717
TUNA, BLUEFIN	-	-	-	-	800	1,048
WHITING	-	-	-	-	40,800	3,017
WOLFFISH.	-	-	-	-	1,700	165
UNCLASSIFIED, FOR FOOD. . .	-	-	-	-	72,500	21,051
CRABS, JONAH.	-	-	127,000	36,959	-	-
LOBSTERS, AMERICAN.	4,670,800	8,088,562	1,239,700	2,300,316	-	-
TOTAL	4,670,800	8,088,562	1,373,200	2,338,088	3,657,800	924,545

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT		HAND		TROLL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	4,600	1,436	-	-	-	-
BLUEFISH	-	-	253,900	47,654	123,500	23,990
COD	51,700	16,580	414,800	92,822	-	-
CUSK	2,600	388	4,800	456	-	-
FLOUNDERS:						
BLACKBACK	102,800	30,225	46,800	15,898	-	-
DAB	4,200	954	-	-	-	-
FLUKE	-	-	81,500	38,678	-	-
GRAY SOLE	3,000	1,979	-	-	-	-
YELLOWTAIL	33,800	13,471	-	-	-	-
HADDOCK	700	464	7,300	3,651	-	-
HAKE:						
RED	400	146	-	-	-	-
WHITE	6,400	760	5,800	2,309	-	-
HALIBUT	200	138	700	876	-	-
MACKEREL, ATLANTIC	40,900	17,538	6,000	937	-	-
OCEAN PERCH, ATLANTIC	600	106	-	-	-	-
POLLOCK	12,200	1,881	18,300	2,203	-	-
SCUP OR PORGY	-	-	70,900	23,706	-	-
SEA BASS, BLACK	-	-	800	380	-	-
SHARKS, UNCLASSIFIED	100	17	-	-	-	-
SKATES	100	20	-	-	-	-
STRIPED BASS	100	31	963,000	626,054	392,100	262,250
TAUTOG	400	77	8,200	1,188	-	-
TUNA, BLUEFIN	700	99	376,500	192,783	483,500	217,647
WHITE PERCH	-	-	3,700	1,850	-	-
WHITING	3,100	283	-	-	-	-
WOLFFISH	600	73	400	31	-	-
UNCLASSIFIED, FOR FOOD	2,800	838	-	-	-	-
TOTAL	272,000	87,504	2,263,400	1,051,476	999,100	503,887

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		HARPOONS	
	LONG OR SET WITH HOOKS				SWORDFISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	6,360	318	-	-
ANGLERFISH	6,000	2,337	-	-	-	-
BLUEFISH	5,100	732	-	-	-	-
COD	4,607,600	1,097,686	-	-	-	-
CUSK	869,700	141,439	-	-	-	-
FLOUNDERS:						
BLACKBACK	700	135	-	-	-	-
DAB	2,400	915	-	-	-	-
GRAY SOLE	700	252	-	-	-	-
YELLOWTAIL	5,200	1,900	-	-	-	-
HADDOCK	164,500	84,893	-	-	-	-
HAKE:						
RED	89,300	14,741	-	-	-	-
WHITE	535,000	84,916	-	-	-	-
HALIBUT	30,800	45,088	-	-	-	-
MACKEREL, ATLANTIC	300	71	-	-	-	-
OCEAN PERCH, ATLANTIC	200	20	-	-	-	-
POLLOCK	271,900	34,224	-	-	-	-
SHARKS, UNCLASSIFIED	5,600	995	-	-	-	-
SKATES	14,700	1,377	-	-	-	-
STRIPED BASS	600	680	-	-	-	-
SWORDFISH	2,103,300	2,714,886	-	-	355,200	552,559
TILEFISH	458,700	109,964	-	-	-	-
TUNA:						
BLUEFIN	1,500	548	-	-	-	-
UNCLASSIFIED	200	123	-	-	-	-
WHITING	6,300	1,126	-	-	-	-
WOLFFISH	20,000	1,299	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	41,500	13,876	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	300	115	-	-	-	-
SCALLOPS, BAY	-	-	7,300	16,000	-	-
TOTAL	9,242,100	4,354,338	13,660	16,318	355,200	552,559

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	HARPOONS - CONTINUED		SPEARS		DREDGES	
	OTHER				CLAM	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS, COMMON.	-	-	18,900	11,725	-	-
SHARKS, UNCLASSIFIED. . . .	300	47	-	-	-	-
TUNA, BLUEFIN	359,900	234,250	-	-	-	-
CLAMS:						
HARD:						
PUBLIC.	-	-	-	-	205,200	225,044
PRIVATE	-	-	-	-	33,400	54,502
OCEAN QUAHOG.	-	-	-	-	48,600	19,640
SURF.	-	-	-	-	85,400	54,428
CONCHS.	-	-	-	-	6,000	2,500
TOTAL	360,200	234,297	18,900	11,725	378,600	356,114

SPECIES	DREDGES					
	MUSSEL, SEA		SCALLOP			
			BAY		SEA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH.	-	-	-	-	30,700	10,121
COD	-	-	-	-	11,300	2,785
FLOUNDERS:						
BLACKBACK	-	-	-	-	41,500	15,025
DAB	-	-	-	-	200	67
FLUKE	-	-	-	-	3,200	942
GRAY SOLE	-	-	-	-	300	84
LEMON SOLE.	-	-	-	-	2,900	1,168
SAND.	-	-	-	-	2,900	614
YELLOWTAIL.	-	-	-	-	41,700	17,010
HADDOCK	-	-	-	-	3,000	877
HAKE, WHITE	-	-	-	-	500	113
HALIBUT	-	-	-	-	400	393
WOLFFISH.	-	-	-	-	1,100	58
UNCLASSIFIED, FOR FOOD. . .	-	-	-	-	200	38
LOBSTERS, AMERICAN.	-	-	-	-	21,500	40,141
MUSSELS, SEA.	40,000	12,000	-	-	-	-
SCALLOPS:	-	-			-	-
BAY	-	-	882,400	1,957,191	-	-
SEA	-	-	-	-	10,401,700	19,340,395
TOTAL	40,000	12,000	882,400	1,957,191	10,563,100	19,429,831

SPECIES	TONGS		RAKES			
			OYSTER		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:						
HARD:						
PUBLIC.	98,800	156,800	-	-	525,000	1,234,802
PRIVATE	-	-	-	-	82,500	112,500
RAZOR	-	-	-	-	1,800	1,298
SOFT, PUBLIC.	-	-	-	-	61,600	105,103
MUSSELS, SEA.	-	-	-	-	204,300	71,350
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	-	-	27,400	70,174	-	-
FALL.	-	-	26,300	67,374	-	-
PRIVATE:						
SPRING.	-	-	6,000	16,050	-	-
FALL.	-	-	5,500	14,610	-	-
IRISH MOSS.	-	-	-	-	1,200,000	48,000
TOTAL	98,800	156,800	65,200	168,208	2,075,200	1,573,053

SPECIES	HOES		DIVING OUTFITS		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HORSESHOE CRAB.	-	-	-	-	3,000	300
LOBSTERS, AMERICAN.	-	-	10,000	20,600	-	-
CLAMS:						
HARD, PUBLIC.	2,100	4,387	-	-	-	-
SOFT, PUBLIC.	1,070,900	1,734,752	-	-	-	-
SANDWORMS	36,500	53,425	-	-	-	-
TOTAL	1,109,500	1,792,564	10,000	20,600	3,000	300

1/ LESS THAN 50 POUNDS.

1.

NEW ENGLAND FISHERIES

RHODE ISLAND

OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS		MIDWATER TRAWLS
			FISH	LOBSTER	
	NUMBER				
FISHERMEN:					
ON VESSELS:					
FULL-TIME	-	35	584	46	19
PART-TIME	-	-	4	-	-
ON BOATS AND SHORE:					
FULL-TIME	4	-	15	-	-
PART-TIME	2	-	9	-	-
TOTAL	6	35	612	46	19
VESSELS, MOTOR	-	4	139	7	4
GROSS TONNAGE	-	402	10,136	784	318
BOATS:					
MOTOR	2	8	18	-	-
OTHER	1	-	-	-	-
GEAR	3	4	158	7	4

ITEM	FLOATING TRAPS	POTS AND TRAPS				
		CONCH	CRAB	EEL	LOBSTER	
					INSHORE	OFFSHORE
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	52	-	-	-	4	185
PART-TIME	49	-	-	-	-	-
ON BOATS AND SHORE:						
FULL-TIME	-	14	2	4	344	14
PART-TIME	-	1	-	3	229	-
TOTAL	101	15	2	7	577	199
VESSELS, MOTOR	7	-	-	-	2	45
GROSS TONNAGE	209	-	-	-	24	3,137
BOATS:						
MOTOR	-	11	1	7	245	4
OTHER	13	-	-	-	-	-
GEAR	17	480	36	252	36,724	32,620

ITEM	GILL NETS, ANCHOR, SET, OR STAKE	LINES		HARPOONS, SWORDFISH	SPEARS	DREDGES
		HAND	LONG OR SET WITH HOOKS			CLAM
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	3	-	19	48	-	33
PART-TIME	-	-	-	11	-	3
ON BOATS AND SHORE:						
FULL-TIME	2	-	12	-	-	-
PART-TIME	-	285	-	-	3	-
TOTAL	5	285	31	59	3	36
VESSELS, MOTOR	1	-	4	10	-	9
GROSS TONNAGE	33	-	393	609	-	598
BOATS, MOTOR	1	285	6	6	3	-
GEAR	2	285	10	10	3	9

ITEM	DREDGES - CONTINUED			TONGS	RAKES	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	CRAB	MUSSEL, SEA	SCALLOP, SEA				
	NUMBER						
FISHERMEN:							
ON VESSELS:							
FULL-TIME	2	8	42	-	-	-	815
PART-TIME	-	-	-	-	-	-	64
ON BOATS AND SHORE:							
FULL-TIME	-	-	-	121	484	26	861
PART-TIME	-	-	-	218	876	29	1,437
TOTAL	2	8	42	339	1,360	55	3,177
VESSELS, MOTOR	1	2	6	-	-	-	211
GROSS TONNAGE	20	28	452	-	-	-	15,199
BOATS:							
MOTOR	-	-	-	339	1,360	-	1,937
OTHER	-	-	-	-	-	-	14
GEAR	1	2	8	339	1,360	55	-

RHODE ISLAND - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN	
	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	31,200	1,562	-	-
FLOUNDERS, BLACKBACK	1,200	409	-	-
HERRING, SEA	100	3	-	-
MENHADEN	-	-	12,606,000	190,038
WHITE PERCH	8,500	2,956	-	-
UNCLASSIFIED, FOR FOOD	2,400	637	-	-
TOTAL	43,400	5,567	12,606,000	190,038

SPECIES	OTTER TRAWLS				MIDWATER TRAWLS	
	FISH		LOBSTER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	110,500	32,806	20,000	4,881	-	-
BLUEFISH	146,700	23,301	200	39	2,400	334
BUTTERFISH	1,009,900	304,690	100	49	52,600	3,368
COD	1,284,000	365,580	2,600	903	1,400	457
CUSK	2,200	176	-	-	-	-
EELS, CONGER	2,000	484	-	-	-	-
FLOUNDERS:						
BLACKBACK	2,385,400	794,436	2,900	1,495	500	179
DAB	154,900	53,269	100	60	-	-
FLUKE	6,648,300	3,442,291	2,100	1,149	6,400	3,425
GRAY SOLE	235,300	78,829	2,500	994	-	-
LEMON SOLE	214,600	114,717	1,000	750	-	-
SAND	527,500	107,744	1,100	382	-	-
YELLOWTAIL	6,637,600	2,501,377	14,800	9,064	100	102
HADDOCK	286,800	105,299	600	250	-	-
HAKE:						
RED	1,306,000	110,098	-	-	500	50
WHITE	24,600	3,224	10,800	1,651	-	-
HALIBUT	1,100	957	100	90	-	-
HERRING, SEA	326,700	15,237	-	-	57,900	1,950
MACKEREL, ATLANTIC	79,200	14,880	-	-	74,000	8,526
OCEAN PERCH, ATLANTIC	1,600	198	31,500	4,606	-	-
OCEAN POUT	931,300	77,183	-	-	-	-
POLLOCK	67,600	8,417	-	-	-	-
SCUP OR PORGY	2,057,100	497,491	100	54	65,100	8,100
SEA BASS, BLACK	179,900	62,644	-	-	20,800	5,622
SEA TROUT OR WEAKFISH, GRAY	11,200	1,886	-	-	-	-
SHARKS:						
GRAYFISH	2,500	169	-	-	-	-
UNCLASSIFIED	200	10	-	-	-	-
SKATES	2,300	548	-	-	-	-
STRIPED BASS	5,900	4,551	-	-	200	126
STURGEON, COMMON	1,200	224	-	-	-	-
SWORDFISH	700	1,047	-	-	-	-
TAUTOG	62,500	3,959	-	-	-	-
TILEFISH	114,500	27,473	-	-	-	-
WHITING	7,155,100	519,934	-	-	7,800	439
WOLFFISH	5,300	383	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	397,500	83,739	300	51	2,100	448
FOR BAIT, REDUCTION, AND ANIMAL FOOD	12,145,300	143,536	-	-	44,900	461
LOBSTERS, AMERICAN	107,200	188,908	349,400	695,731	-	-
CONCHS	29,400	2,933	-	-	-	-
SCALLOPS, SEA	115,100	200,840	-	-	-	-
SQUID	2,009,600	482,767	-	-	8,400	1,627
TOTAL	46,786,300	10,378,235	440,200	722,199	345,100	35,214

SPECIES	FLOATING TRAPS		POTS AND TRAPS			
			CONCH		CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	2,800	112	-	-	-	-
ANGLERFISH	1,400	409	-	-	-	-
BLUEFISH	39,700	8,144	-	-	-	-
BONITO	25,400	17,353	-	-	-	-
BUTTERFISH	210,400	73,324	-	-	-	-
COD	2,500	832	-	-	-	-
FLOUNDERS, FLUKE	110,400	50,932	-	-	-	-
FRIGATE MACKEREL	300	94	-	-	-	-
HAKE, RED	800	80	-	-	-	-
HERRING, SEA	8,800	635	-	-	-	-

(CONTINUED ON NEXT PAGE)

RHODE ISLAND - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	FLOATING TRAPS		POTS AND TRAPS			
			CONCH		CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
MACKEREL:						
ATLANTIC.	256,700	63,482	-	-	-	-
KING.	6,600	3,771	-	-	-	-
MENHADEN.	106,900	4,276	-	-	-	-
POLLOCK	800	97	-	-	-	-
SCUP OR PORGY	2,231,500	322,475	-	-	-	-
SEA BASS, BLACK	41,000	17,189	-	-	-	-
SEA ROBIN	69,700	2,906	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	314,000	72,050	-	-	-	-
SHAD.	2,700	629	-	-	-	-
SHARKS, GRAYFISH.	200	20	-	-	-	-
SKATES.	2,000	359	-	-	-	-
STRIPED BASS.	13,800	13,114	-	-	-	-
STURGEON, COMMON.	300	45	-	-	-	-
TAUTOG.	6,600	1,009	-	-	-	-
WHITING	120,500	9,755	-	-	-	-
UNCLASSIFIED:						
FOR FOOD.	500	123	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	281,200	10,766	-	-	-	-
CRABS, GREEN.	-	-	-	-	3,600	630
CONCHS.	-	-	57,700	28,338	-	-
SQUID	552,100	127,905	-	-	-	-
TOTAL	4,409,600	801,886	57,700	28,338	3,600	630

SPECIES	POTS AND TRAPS - CONTINUED			
	EEL		LOBSTER	
			INSHORE	
	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS:				
COMMON.	17,300	9,220	-	-
CONGER.	-	-	1,200	320
CRABS, ROCK	-	-	63,000	12,003
LOBSTERS, AMERICAN.	-	-	518,800	919,468
CONCHS.	-	-	1,500	729
TOTAL	17,300	9,220	584,500	932,520

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS, ANCHOR, SET, OR STAKE		LINES	
	LOBSTER - CONTINUED				HAND	
	OFFSHORE					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH.	-	-	-	-	53,000	9,981
BUTTERFISH.	-	-	-	-	400	88
COD	-	-	37,000	11,190	4,300	952
EELS, CONGER.	13,300	1,022	-	-	200	29
FLOUNDERS:						
BLACKBACK	-	-	100	40	4,100	1,194
FLUKE	-	-	-	-	22,100	10,958
HAKE:						
RED	-	-	-	-	2,900	262
WHITE	200	13	-	-	-	-
MACKEREL, ATLANTIC.	-	-	-	-	300	53
OCEAN POUT.	-	-	-	-	700	53
POLLOCK	-	-	100	14	-	-
SCUP OR PORGY	-	-	-	-	3,200	1,297
SEA BASS, BLACK	3,800	2,405	-	-	4,800	2,575
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	700	102
STRIPED BASS.	-	-	2,100	1,815	132,300	104,429
TAUTOG.	-	-	2,800	249	3,600	415
WHITING	-	-	100	8	300	23
UNCLASSIFIED, FOR FOOD. . .	-	-	-	-	25,900	5,553
CRABS:						
RED	241,800	70,825	-	-	-	-
JCNAH	482,900	71,794	-	-	-	-
LOBSTERS, AMERICAN.	2,437,400	4,418,414	-	-	-	-
TOTAL	3,179,400	4,564,473	42,200	13,316	258,800	137,964

(CONTINUED ON NEXT PAGE)

RHODE ISLAND - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	LINES - CONTINUED		HARPOONS, SWORDFISH	
	LONG OR SET WITH HOOKS			
	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	20,700	8,411	-	-
FLOUNDERS, BLACKBACK. . . .	100	10	-	-
SHARKS:				
GRAYFISH.	1,000	218	-	-
UNCLASSIFIED.	9,900	2,813	-	-
SWORDFISH	244,600	347,868	92,500	161,527
TILEFISH.	8,700	2,845	-	-
TUNA:				
BLUEFIN	700	477	500	217
UNCLASSIFIED.	500	605	-	-
UNCLASSIFIED, FOR FOOD. . .	2,700	620	-	-
TOTAL	288,900	363,867	93,000	161,744

SPECIES	SPEARS		DREDGES			
			CLAM		CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS, COMMON.	2,400	1,625	-	-	-	-
HORSESHOE CRAB.	-	-	-	-	4,000	400
CLAMS:						
HARD, PUBLIC.	-	-	165,200	45,574	-	-
OCEAN QUAHOG.	-	-	1,446,000	358,314	-	-
SURF.	-	-	21,200	9,563	-	-
TOTAL	2,400	1,625	1,632,400	413,451	4,000	400

SPECIES	DREDGES - CONTINUED				TONGS	
	MUSSEL, SEA		SCALLOP, SEA			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH.	-	-	4,900	1,412	-	-
FLOUNDERS:						
BLACKBACK	-	-	600	208	-	-
FLUKE	-	-	900	477	-	-
SAND.	-	-	200	37	-	-
YELLOWTAIL.	-	-	4,700	1,761	-	-
HAKE, WHITE	-	-	700	56	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	100	11	-	-
WHITING	-	-	(1)	15	-	-
UNCLASSIFIED, FOR FOOD. . .	-	-	300	70	-	-
CLAMS, HARD, PUBLIC	-	-	-	-	273,300	380,953
MUSSELS, SEA.	162,900	52,942	-	-	-	-
SCALLOPS, SEA	-	-	131,900	228,229	-	-
SQUID	-	-	400	48	-	-
TOTAL	162,900	52,942	144,700	232,324	273,300	380,953

SPECIES	RAKES		HOES	
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:				
HARD, PUBLIC.	1,093,500	1,523,894	-	-
SOFT, PUBLIC.	-	-	2,500	3,761
TOTAL	1,093,500	1,523,894	2,500	3,761

1/ LESS THAN 50 POUNDS.

NEW ENGLAND FISHERIES

CONNECTICUT

OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS		
				CONCH	EEL	LOBSTER, INSHORE
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME . .	-	33	-	-	-	-
ON BOATS AND SHORE:						
FULL-TIME	10	24	1	11	17	147
PART-TIME	2	3	-	-	31	568
TOTAL	12	60	1	11	48	715
VESSELS, MOTOR.	-	12	-	-	-	-
GROSS TONNAGE	-	406	-	-	-	-
BOATS, MOTOR.	8	18	1	11	40	515
GEAR.	8	30	5	510	867	23,925

ITEM	GILL NETS, DRIFT		LINES, HAND	DIP NETS, COMMON	HARPOONS, SWORDFISH	DREDGES
	SHAD	OTHER				CLAM
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME . .	-	-	-	-	-	11
ON BOATS AND SHORE:						
FULL-TIME	44	100	4	-	2	-
PART-TIME	79	19	157	1	-	-
TOTAL	123	119	161	1	2	11
VESSELS, MOTOR.	-	-	-	-	-	3
GROSS TONNAGE	-	-	-	-	-	84
BOATS, MOTOR.	67	104	161	-	1	-
GEAR.	67	104	161	1	1	3

ITEM	DREDGES - CONTINUED			TOTAL, EXCLUSIVE OF DUPLICATION
	CRAB	OYSTER, COMMON	SCALLOP, SEA	
	NUMBER			
FISHERMEN:				
ON VESSELS, FULL-TIME . .	-	14	9	58
ON BOATS AND SHORE:				
FULL-TIME	1	-	-	338
PART-TIME	-	-	-	837
TOTAL	1	14	9	1,233
VESSELS, MOTOR.	-	5	1	20
GROSS TONNAGE	-	207	74	737
BOATS, MOTOR.	1	-	-	848
GEAR.	1	9	1	-

CONNECTICUT - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, FISH		FYKE AND HOOP NETS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	61,100	3,055	-	-	-	-
ANGLERFISH.	-	-	23,400	4,646	-	-
BLUEFISH.	-	-	6,000	453	-	-
CATFISH AND BULLHEADS . . .	1,000	220	-	-	200	44
BUTTERFISH.	-	-	20,200	4,271	-	-
CARP.	200	20	-	-	-	-
COD	-	-	24,000	7,640	200	56
EELS:						
COMMON.	100	42	-	-	-	-
CONGER.	-	-	11,500	1,145	-	-
FLOUNDERS:						
BLACKBACK	100	17	987,200	168,814	400	100
DAB	-	-	1,600	416	-	-
FLUKE	-	-	78,500	36,982	-	-
SAND.	-	-	6,300	1,318	-	-
YELLOWTAIL.	-	-	126,400	39,892	-	-
HAKE, WHITE	-	-	5,800	543	-	-
MACKEREL, ATLANTIC.	-	-	100	37	-	-
MENHADEN.	12,000	600	-	-	-	-
OCEAN POUT.	-	-	64,900	762	-	-
SCUP OR PORGY	-	-	397,100	50,591	-	-
SEA BASS, BLACK	-	-	3,800	1,992	-	-
SEA ROBIN	-	-	100	5	-	-

(CONTINUED ON NEXT PAGE)

CONNECTICUT - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, FISH		FYKE AND HOOP NETS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SEA TROUT OR WEAKFISH, GRAY	-	-	9,000	1,216	-	-
SHARKS, GRAYFISH.	-	-	500	29	-	-
SKATES.	-	-	2,700	145	-	-
STRIPED BASS.	-	-	1,300	653	-	-
TAUTOG.	-	-	3,000	302	200	26
WHITE PERCH	1,700	603	1,500	630	6,600	2,328
WHITING	-	-	33,900	8,012	-	-
UNCLASSIFIED:						
FOR FOOD.	100	26	91,600	14,611	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	2,500	125	1,056,100	52,805	-	-
SQUID	-	-	34,900	9,865	-	-
TOTAL	78,800	4,708	2,991,400	407,775	7,600	2,554

SPECIES	POTS AND TRAPS					
	CONCH		EEL		LOBSTER, INSHORE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS, COMMON.	-	-	34,800	14,416	-	-
TAUTOG.	-	-	-	-	1,100	109
LOBSTERS, AMERICAN.	-	-	-	-	479,500	1,016,443
CONCHS.	46,800	22,556	-	-	-	-
TOTAL	46,800	22,556	34,800	14,416	480,600	1,016,552

SPECIES	GILL NETS, DRIFT				LINES, HAND	
	SHAD		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	-	-	4,200	211	200	10
BLUEFISH.	-	-	2,700	364	14,500	1,727
CATFISH AND BULLHEADS . . .	5,200	1,144	800	167	-	-
BUTTERFISH.	-	-	500	200	-	-
CARP.	-	-	500	50	-	-
COD	-	-	-	-	700	168
EELS, COMMON.	-	-	400	168	100	41
FLOUNDERS:						
BLACKBACK	-	-	200	34	14,900	3,910
FLUKE	-	-	-	-	300	125
SAND.	-	-	2,600	128	-	-
HERRING, SEA.	-	-	1,400	76	-	-
MACKEREL, ATLANTIC.	-	-	11,800	4,153	1,500	543
MENHADEN.	-	-	140,500	7,022	700	33
SCUP OR PORGY	-	-	100	14	1,200	415
SEA BASS, BLACK	-	-	100	36	100	28
SEA ROBIN	-	-	1,100	54	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	2,600	431	1,400	240
SHAD.	391,800	164,532	200	76	-	-
SHARKS:						
GRAYFISH.	-	-	1,900	96	-	-
UNCLASSIFIED.	-	-	300	38	-	-
STRIPED BASS.	-	-	-	-	61,900	46,628
TAUTOG.	-	-	900	68	400	42
WHITE PERCH	-	-	11,100	4,662	2,700	685
UNCLASSIFIED:						
FOR FOOD.	-	-	200	14	500	122
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	-	-	89,900	4,494	-	-
TOTAL	397,000	165,676	274,000	22,556	101,100	54,717

SPECIES	DIP NETS, COMMON		HARPOONS, SWORDFISH		DREDGES	
					CLAM	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	1,600	81	-	-	-	-
SWORDFISH	-	-	800	1,500	-	-
CLAMS:						
HARD, PRIVATE	-	-	-	-	144,000	240,000
OCEAN QUAHOG.	-	-	-	-	6,900	1,891
TOTAL	1,600	81	800	1,500	150,900	241,891

SPECIES	DREDGES - CONTINUED					
	CRAB		OYSTER, COMMON		SCALLOP, SEA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HORSESHOE CRABS	6,000	600	-	-	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING.	-	-	62,200	129,280	-	-
FALL.	-	-	73,600	152,880	-	-
SCALLOPS, SEA	-	-	-	-	12,400	16,440
TOTAL	6,000	600	135,800	282,160	12,400	16,440

SECTION 3
MIDDLE ATLANTIC FISHERIES

Landings by U.S. commercial fishermen in the Middle Atlantic States of New York, New Jersey, and Delaware were 268.8 million pounds valued at a record $68.8 million in 1976--up 43 percent in quantity and 38 percent in value over 1975. Landings were the highest since 1965 and 27 percent above the average for the previous 5 years. The principal reason for the higher volume was a 126-percent increase in menhaden landings in New Jersey. The increase in value mainly was due to the record exvessel prices for clam meats in 1976.

Fishermen and vessels. In 1976, 17,686 full-time and part-time commercial fishermen operated 580 vessels of 5 net tons or more, 12,399 motorboats, and 57 boats not powered by a motor. Compared with 1975, this was an increase of 1,567 fishermen, 88 vessels, 1,043 motorboats, and 17 other boats. New York led with 13,821 fishermen, 10,557 motorboats, and 33 other boats. New Jersey had the largest number of vessels (386).

Processed products. The wholesale value of processed products in the Middle Atlantic States (including Pennsylvania) was $267.4 million--an increase of 27 percent over 1975. New Jersey led with products valued at $89.3 million, followed by New York with $81.6 million; Pennsylvania, $72.3 million; and Delaware, $24.2 million. The four States had 395 wholesaling and processing plants employing an average of 5,859 employees—an increase of 15 seafood establishments, but a decrease of 285 employees compared with 1975.

Clams. Landings of hard clams yielded 10.6 million pounds of meats valued at a record $19.9 million--increases of 2 percent in volume and 24 percent in value over 1975. New York accounted for 85 percent of the area total with landings of 9.0 million pounds valued at a record $18.1 million--increases of 4 percent in volume and 27 percent in value over 1975. Landings in New York for 1976 were the second highest on record. Great South Bay on Long Island provided 93 percent of the New York landings and 80 percent of the Middle Atlantic landings. New Jersey landings yielded 1.5 million pounds valued at $1.7 million—an 8-percent decrease in volume, but a 2-percent increase in value compared with 1975.

Landings of surf clams yielded 27.8 million pounds of meats valued at a record $11.9 million--a 34 percent decline in volume, but a 104-percent increase in value compared with 1975. Landings were the lowest since 1961. Fishermen received $7.28 cents per bushel for surf clams in 1976, an increase of $4.94 cents per bushel over 1975. The fishery was centered off New Jersey for the first time since 1971, because the Virginia grounds that were heavily dredged in 1975 became quite depleted during 1976. New Jersey landings were 24.4 million pounds valued at $10.8 million—a 31-percent decline in volume, but a 129-percent increase in value compared with 1975. New York landings in 1976 were 3.5 million pounds, down 25 percent from the previous year. Delaware had no landings in 1976, but 2.3 million pounds of surf clams were landed in 1975.

Landings of soft clams yielded 195,000 pounds of meats valued at $234,000—a 16-percent decline in volume, but an 8-percent increase in value compared with 1975. New Jersey accounted for 76 percent of the area total with landings of 148,000 pounds. All soft clams were harvested from the Navesink and Shrewsbury Rivers. Long Island Sound produced 57 percent of the 47,000 pounds of soft clams landed in New York.

Hard blue crabs. Landings were 6.3 million pounds valued at a record $1.9 million—a 2-percent decline in quantity, but a 35-percent increase in value compared with 1975. Delaware landings of 3.6 million pounds were slightly higher than in 1975. Pots took about 79 percent of the Delaware landings; dredges took most of the rest. New Jersey landings of blue crabs (2.7 million pounds) were 6 percent below 1975. Pots took 75 percent of the New Jersey landings; dredges took the rest. Pots in the Hudson River area took most of the New York landings of 52,300 pounds.

Other species. Landings of gray sea trout were 7.3 million pounds valued at $923,000—up 21 percent in volume and 6 percent in value over 1975. New Jersey vessels made 78 percent of the total area catch. Cape May accounted for 84 percent of the New Jersey landings. Atlantic mackerel landings of 2.1 million pounds valued at $191,000 increased 13 percent in quantity, but declined 7 percent in value. New Jersey fishermen landed 88 percent of the Atlantic mackerel catch in the area. Landings of bluefish were 1.9 million pounds valued at $249,000—decreases of 13 percent in volume and 29 percent in value compared with 1975. New Jersey landings were 68 percent of the total Middle Atlantic catch. Landings of black sea bass were 1.9 million pounds valued at $666,000—up 27 percent in volume and 41 percent in value over 1975. Landings were the highest since 1965 and 123 percent above the 1971-75 average. New Jersey accounted for 78 percent of the landings of black sea bass. Landings of tilefish have improved each year as more vessels enter this longline winter fishery. Tilefish landings were 1.6 million pounds valued at $746,000 in 1976 compared with 961,000 pounds valued at $362,000 in 1975. New Jersey had 97 percent of the tilefish landings. There were 1.3 million pounds of butterfish valued at $357,000 landed in the Middle Atlantic area--declines of 38 percent in volume and 26 percent in value compared with 1975. New York's 960,000 pounds landed was 74 percent of the total area catch. Landings of striped bass were 1.1 million pounds valued at $675,000—down 35 percent in quantity and 21 percent in value from 1975. New York led the catch with 80 percent of the total landings.

MIDDLE ATLANTIC FISHERIES

Flounders. Landings of all species of flounders were 10.4 million pounds valued at $4.2 million—up 7 percent in volume and 22 percent in value over 1975. Fluke or summer flounder was 85 percent of the total flounder landings. Fluke landings were 8.9 million pounds valued at $3.8 million—increases of 17 percent in volume and 31 percent in value over 1975. These were the largest landings since 1953. Landings of yellowtail flounder were 599,000 pounds—down 57 percent from 1975. From 1967 to 1973 yellowtail had been the most prominent species of flounder landed in the Middle Atlantic region (averaging 6.5 million pounds).

American lobster. Landings were 1.3 million pounds valued at $2.6 million—decreases of 18 percent in quantity and 12 percent in value compared with 1975. Landings were the lowest since 1963. New Jersey landings (646,000 pounds) declined 24 percent below 1975 and 46 percent below the previous 5-year average. Pot fishermen took 74 percent of the New Jersey landings (63 percent from offshore waters). Offshore potters had problems, because lobsters crawled away from the areas with low oxygen levels.

Menhaden. Landings were 151.5 million pounds valued at $4.3 million--gains of 126 percent in volume and 147 percent in value over 1975. New Jersey with 150.4 million pounds accounted for 99 percent of the area production, mostly by purse seines. The New Jersey fishery had seven purse seiners in 1976, one less than in 1975. Most of the catches were made in the Atlantic Ocean off the New Jersey coast and the Long Island coast. Landings in New York (1.0 million pounds) were 62,000 pounds less than in 1975. Pound nets and gill nets took 95 percent of the landings in New York, haul seines took the rest. The 35,300 pounds landed in Delaware were taken by gill nets. Most of the menhaden landed in New Jersey was used for reduction into meal, oil, and solubles. Menhaden landed in New York and Delaware were used mostly for bait.

Oysters. Total landings yielded 3.6 million pounds of meats valued at $6.5 million—increases of 9 percent in quantity and 2 percent in value over 1975. Landings were the best since 1958. New York landings of 1.9 million pounds of meats declined 10 percent in volume compared with 1975. Landings in New Jersey of 1.4 million pounds increased 44 percent, and Delaware with 262,000 pounds increased 34 percent over 1975. Production of seed oysters in Delaware were 24,425 bushels—up 7,800 bushels from 1975.

Scallops. Landings of sea scallops were 3.6 million pounds of meats valued at $6.0 million—increases of 270 percent in quantity and 239 percent in value over 1975. New Jersey landings of 2.9 million pounds were 79 percent of the total area catch. Trawlers that caught sea scallops and landed them in the shell to be shucked ashore accounted for 53 percent of the New Jersey catch in 1976. The rest were taken by dredges and shucked at sea. About 67 percent of the New York catch was by dredge and landed in New York City. Trawlers took the rest and landed them mostly at Greenport.

Landings of bay scallops yielded 438,000 pounds of meats valued at $816,000—a 1 percent decline in volume, but a 14 percent increase in value compared with 1975. Bay scallops are landed only in New York. Dredges made all the catches in Gardners and Peconic Bays.

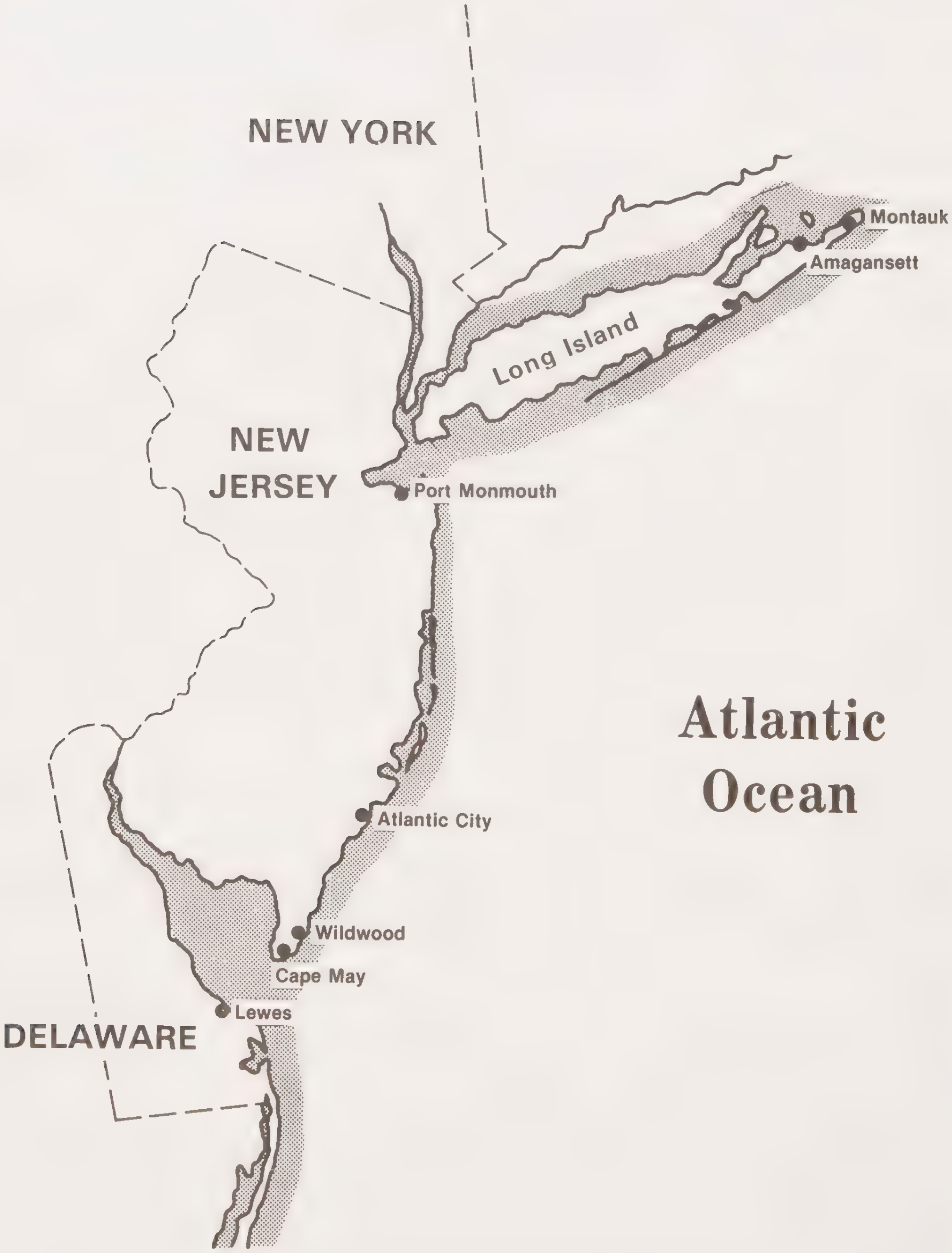
Scup. Landings totaled 9.2 million pounds valued at $2.0 million--decreases of 9 percent in quantity and 19 percent in value, compared with 1975. New Jersey fishermen accounted for 73 percent of the landings. Cape May vessels took 77 percent of the New Jersey landings. New Jersey landings (6.7 million pounds) increased 7 percent over 1975, but New York landings (2.5 million pounds) declined 36 percent.

Whiting. Landings of 10.5 million pounds valued at $1.0 million at dockside—increased 15 percent in quantity and 8 percent in value over 1975. Landings in New Jersey were 7.9 million pounds—76 percent of the total catch. Point Pleasant was the leading port in New Jersey with 56 percent of the landings; Belford was next with 30 percent; and Cape May had 14 percent. The leading port in New York was Brooklyn with 53 percent; Montauk, 33 percent; and Cape May, 14 percent.

Other information. Condensed summary data on the operating units and landings, by States, appearing on the following pages, have been published previously in Current Fishery Statistics No. 7701. Additional data may be found in the monthly and annual landings bulletins for New York and New Jersey published in the Current Fishery Statistics series by the Resource Statistics Division in cooperation with the respective States.

Acknowledgments. The following organizations helped collect the data appearing in this section: New York Department of Environmental Conservation, Division of Marine and Coastal Resources; New Jersey Department of Environmental Protection, Division of Fish, Game, and Shellfisheries; and Delaware Department of Natural Resources and Environmental Control, Division of Fish and Game.

MIDDLE ATLANTIC FISHERIES


NEW YORK
Montauk
Amagansett
Long Island
NEW JERSEY
Port Monmouth
Atlantic Ocean
Atlantic City
Wildwood
Cape May
Lewes
DELAWARE

MIDDLE ATLANTIC STATES

MIDDLE ATLANTIC FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1976

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
NEW YORK.	17	5	18	28	35	32
NEW JERSEY.	188	12	39	22	227	35
DELAWARE.	1	(1)	6	2	7	2
TOTAL	206	17	63	52	69	69

1/ LESS THAN $500,000.
NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING.

SUMMARY OF OPERATING UNITS, 1976

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN:				
ON VESSELS:				
FULL-TIME	512	1,522	85	2,029
PART-TIME	10	17	15	42
ON BOATS AND SHORE:				
FULL-TIME	3,484	821	80	4,385
PART-TIME	9,815	1,062	353	11,230
TOTAL	13,821	3,422	533	17,686
VESSELS, MOTOR.	183	386	35	580
GROSS TONNAGE	7,691	26,553	804	33,080
BOATS:				
MOTOR	10,557	1,598	244	12,399
OTHER	33	24	-	57
GEAR:				
HAUL SEINES, COMMON . . .	26	8	-	34
PURSE SEINES:				
MENHADEN.	-	7	-	7
TUNA.	-	3	-	3
OTHER	-	1	-	1
OTTER TRAWLS:				
FISH.	122	176	-	281
LOBSTER	3	18	-	21
SCALLOP	9	72	-	81
MIDWATER TRAWLS	-	10	-	10
WEIRS	-	2	-	2
POUND NETS:				
FISH.	126	11	-	137
CRAB.	3	-	-	3
FYKE AND HOOP NETS:				
FISH.	126	30	53	209
TURTLE.	20	-	48	68
POTS AND TRAPS:				
CONCH	1,125	-	550	1,675
CRAB:				
BLUE.	375	16,004	13,520	29,899
OTHER	-	-	400	400
EEL	2,080	2,805	580	5,465
FISH.	1,050	12,250	1,200	14,500
LOBSTER:				
INSHORE	54,765	24,855	-	79,620
OFFSHORE.	5,270	7,700	1,100	14,070
TURTLE.	-	120	-	120
GILL NETS:				
ANCHOR, SET, OR STAKE .	150	36	45	231
DRIFT:				
SHAD.	35	6	-	41
OTHER	-	22	22	44
RUNAROUND	-	67	-	67
LINES:				
HAND.	3,275	88	30	3,393
TROLL	-	6	-	6
LONG OR SET WITH HOOKS.	140	30	-	170
DIP NETS, COMMON.	267	-	-	267
SPEARS.	45	1	-	46
DREDGES:				
CLAM.	31	71	-	102
CONCH	14	-	-	14
CRAB.	-	127	33	159
MUSSEL.	9	-	-	9
OYSTER, COMMON.	19	45	14	78
SCALLOP:				
BAY	820	-	-	820
SEA	8	31	-	35
TONGS:				
OYSTER.	27	33	-	60
OTHER	3,291	388	72	3,751
RAKES	6,650	865	16	7,531
HOES.	-	26	-	26

MIDDLE ATLANTIC FISHERIES

LANDINGS BY STATES, 1976

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	1	(1)	11	1	(1)	(1)	12	1
ANGLERFISH	78	16	4	(1)	-	-	82	16
BLUEFISH	600	102	1,280	145	12	2	1,892	249
BONITO	4	1	1	(1)	-	-	5	1
BUTTERFISH	960	274	336	83	-	-	1,296	357
CARP	40	8	46	4	22	2	108	14
CATFISH AND BULLHEADS	2	(1)	2	(1)	11	2	15	2
COD	686	200	90	38	-	-	776	238
CRAPPIE	9	1	-	-	-	-	9	1
CROAKER	-	-	701	59	3	1	704	60
CUNNER	(1)	(1)	(1)	(1)	-	-	(1)	(1)
CUSK	1	(1)	-	-	-	-	1	(1)
DRUM, BLACK	-	-	25	3	-	-	25	3
EELS:								
COMMON	122	50	204	68	81	33	407	151
CONGER	3	(1)	14	2	-	-	17	2
FLOUNDERS:								
BLACKBACK	712	144	143	25	5	1	860	170
DAB	1	(1)	-	-	-	-	1	(1)
FLUKE	3,203	1,500	5,647	2,341	3	1	8,853	3,842
GRAY SOLE	6	2	11	3	-	-	17	5
LEMON SOLE	4	2	-	-	-	-	4	2
SAND	-	-	1	(1)	-	-	1	(1)
YELLOWTAIL	595	168	4	1	-	-	599	169
UNCLASSIFIED	35	4	-	-	-	-	35	4
TOTAL FLOUNDERS	4,556	1,820	5,806	2,370	8	2	10,370	4,192
GOLDFISH	1	1	-	-	-	-	1	1
HADDOCK	7	3	-	-	-	-	7	3
HAKE:								
RED	309	26	1,894	144	6	(1)	2,209	170
WHITE	7	1	28	6	1	(1)	36	7
HERRING, SEA	26	3	119	6	-	-	145	9
KING WHITING OR "KINGFISH"	1	(1)	(1)	(1)	-	-	1	(1)
LAUNCE	39	7	-	-	-	-	39	7
MACKEREL:								
ATLANTIC	249	40	1,852	151	(1)	(1)	2,101	191
KING	-	-	1	1	-	-	1	1
SPANISH	1	(1)	1	(1)	-	-	2	(1)
MENHADEN	1,014	43	150,438	4,303	35	1	151,487	4,347
MULLET, BLACK (LISA)	1	(1)	-	-	-	-	1	(1)
POLLOCK	5	1	1	(1)	-	-	6	1
SALMON, ATLANTIC	(1)	(1)	-	-	-	-	(1)	(1)
SCUP OR PORGY	2,468	580	6,713	1,407	-	-	9,181	1,987
SEA BASS	272	100	1,464	521	150	45	1,886	666
SEA ROBIN	38	3	1	(1)	-	-	39	3
SEA TROUT OR WEAKFISH, GRAY	1,346	304	5,709	556	246	63	7,301	923
SHAD	186	59	100	23	36	8	322	90
SHARKS:								
GRAYFISH	206	22	4	(1)	-	-	210	22
UNCLASSIFIED	7	1	4	(1)	1	(1)	12	1
SILVERSIDES	67	25	-	-	-	-	67	25
SKATES	49	8	(1)	(1)	-	-	49	8
SMELT	8	4	-	-	-	-	8	4
SPOT	3	1	2	(1)	8	1	13	2
STRIPED BASS	851	517	137	102	80	56	1,068	675
STURGEON, COMMON	4	1	11	2	-	-	15	3
SUCKERS	1	(1)	-	-	-	-	1	(1)
SUNFISH	3	1	-	-	-	-	3	1
SWELLFISH	7	6	-	-	-	-	7	6
SWORDFISH	-	-	162	268	-	-	162	268
TAUTOG	72	7	44	3	1	(1)	117	10
TILEFISH	50	20	1,584	726	-	-	1,634	746
TUNA:								
BLUEFIN	1	(1)	1,206	407	-	-	1,207	407
LITTLE	1	(1)	(1)	(1)	-	-	1	(1)
YELLOWFIN	-	-	11	5	-	-	11	5
TOTAL TUNA	2	(1)	1,217	412	-	-	1,219	412
WHITE PERCH	54	13	95	24	18	5	167	42
WHITING	2,546	290	7,915	743	9	1	10,470	1,034
WOLFFISH	(1)	(1)	-	-	-	-	(1)	(1)
YELLOW PERCH	1	(1)	-	-	(1)	(1)	1	(1)
YELLOW PIKE	1	(1)	-	-	-	-	1	(1)
UNCLASSIFIED:								
FOR FOOD	-	-	16	4	-	-	16	4
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	4	(1)	-	-	4	(1)
TOTAL FISH	16,964	4,559	188,036	12,175	728	222	205,728	16,956

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC FISHERIES

LANDINGS BY STATES, 1976 - Continued

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
SHELLFISH ET AL.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CRABS:								
BLUE:								
HARD	52	20	2,696	831	3,565	1,075	6,313	1,926
SOFT AND PEELER	-	-	90	40	85	80	175	120
JONAH	107	32	-	-	4	1	111	33
RED	-	-	3	(1)	25	13	28	13
ROCK	-	-	150	10	-	-	150	10
TOTAL CRABS	159	52	2,939	881	3,679	1,169	6,777	2,102
HORSESHOE CRABS	-	-	-	-	2,000	25	2,000	25
LOBSTERS, AMERICAN	593	1,338	646	1,236	26	55	1,265	2,629
CLAMS:								
HARD:								
PUBLIC	7,321	14,654	1,492	1,688	52	54	8,865	16,396
PRIVATE	1,707	3,467	-	-	-	-	1,707	3,467
OCEAN QUAHOG	-	-	4,099	1,237	-	-	4,099	1,237
RAZOR	2	1	-	-	-	-	2	1
SOFT, PUBLIC	47	61	148	173	-	-	195	234
SURF	3,455	1,089	24,378	10,829	-	-	27,833	11,918
TOTAL CLAMS	12,532	19,272	30,117	13,927	52	54	42,701	33,253
CONCHS	89	30	84	22	417	42	590	94
MUSSELS, SEA	85	37	-	-	-	-	85	37
OYSTERS, MARKET:								
PUBLIC:								
SPRING	7	17	2	2	-	-	9	19
FALL	6	13	6	6	-	-	12	19
PRIVATE:								
SPRING	868	2,144	526	476	-	-	1,394	2,620
FALL	1,020	2,590	869	832	262	381	2,151	3,803
TOTAL OYSTERS	1,901	4,764	1,403	1,316	262	381	3,566	6,461
SCALLOPS:								
BAY	438	816	-	-	-	-	438	816
SEA	758	1,236	2,875	4,793	-	-	3,633	6,029
TOTAL SCALLOPS	1,196	2,052	2,875	4,793	-	-	4,071	6,845
SQUID	1,108	225	875	197	-	-	1,983	422
TERRAPIN	-	-	1	(1)	-	-	1	(1)
TURTLES:								
SNAPPER	(1)	(1)	12	3	5	2	17	5
UNCLASSIFIED	-	-	1	(1)	-	-	1	(1)
TOTAL SHELLFISH ET AL.	17,663	27,770	38,953	22,375	6,441	1,728	63,057	51,873
GRAND TOTAL	34,627	32,329	226,989	34,550	7,169	1,950	268,785	68,829

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, MUSSELS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS ARE REPORTED IN WEIGHT OF EDIBLE MEATS.

MIDDLE ATLANTIC FISHERIES

LANDINGS OF CERTAIN SHELLFISH, 1976

SPECIES	NEW YORK		NEW JERSEY	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:				
HARD:				
PUBLIC	610,092	14,653,675	149,223	1,687,963
PRIVATE	142,275	3,466,589	-	-
OCEAN QUAHOG	-	-	409,871	1,236,714
RAZOR	131	858	-	-
SOFT, PUBLIC	2,906	61,406	12,358	173,012
SURF	203,224	1,089,204	1,433,992	10,829,520
CONCHS	5,953	30,396	4,219	21,730
MUSSELS, SEA	8,490	36,509	-	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING	960	17,189	281	1,594
FALL	733	13,550	888	6,101
PRIVATE:				
SPRING	115,787	2,143,610	75,157	475,710
FALL	135,987	2,589,608	124,047	832,471
SCALLOPS:				
BAY	73,004	816,372	-	-
SEA	126,300	1,235,653	479,172	4,793,268

SPECIES	DELAWARE		TOTAL	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:				
HARD:				
PUBLIC	6,450	53,617	765,765	16,395,255
PRIVATE	-	-	142,275	3,466,589
OCEAN QUAHOG	-	-	409,871	1,236,714
RAZOR	-	-	131	858
SOFT, PUBLIC	-	-	15,264	234,418
SURF	-	-	1,637,216	11,918,724
CONCHS	20,850	41,965	31,022	94,091
MUSSELS, SEA	-	-	8,490	36,509
OYSTERS, MARKET:				
PUBLIC:				
SPRING	-	-	1,241	18,783
FALL	-	-	1,621	19,651
PRIVATE:				
SPRING	-	-	190,944	2,619,320
FALL	42,306	380,700	302,340	3,802,779
SCALLOPS:				
BAY	-	-	73,004	816,372
SEA	-	-	605,472	6,028,921

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN SHELLFISH, 1976

SPECIES	NEW YORK	NEW JERSEY	DELAWARE
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL		
CLAMS:			
HARD:			
PUBLIC	12.00	10.00	8.00
PRIVATE	12.00	-	-
OCEAN QUAHOG	-	10.00	-
RAZOR	16.00	-	-
SOFT, PUBLIC	16.00	12.00	-
SURF	17.00	17.00	-
CONCHS	15.00	20.00	20.00
MUSSELS, SEA	10.00	-	-
OYSTERS, MARKET:			
PUBLIC:			
SPRING	7.50	7.00	-
FALL	7.50	7.00	-
PRIVATE:			
SPRING	7.50	7.00	-
FALL	7.50	7.00	6.20
SCALLOPS:			
BAY	6.00	-	-
SEA	6.00	6.00	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

MIDDLE ATLANTIC FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1976

Item	Unit	Quantity	Dollars
		Thousands	Thousands
Fresh	Pounds	24,108	31,069
Frozen	do	132,433	119,600
Canned	Standard cases	2,439	54,309
Cured	Pounds	20,885	54,919
Industrial	—	—	7,496
Total	—	—	267,393

VALUE OF PROCESSED PRODUCTS, BY STATES, 1976

State	Thousand dollars
New York	81,618
New Jersey	89,303
Pennsylvania	72,329
Delaware	24,143
Total	267,393

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1976

State	Processing			Wholesale			Total		
		Employment average			Employment average			Employment average	
	Plants	Season	Year	Plants	Season	Year	Plants	Season	Year
	Number								
New York	33	904	829	208	1,866	1,627	241	2,770	2,456
New Jersey	43	1,924	1,599	63	321	290	106	2,245	1,889
Pennsylvania	15	936	865	21	253	253	36	1,189	1,118
Delaware	4	488	374	8	25	22	12	513	396
Total	95	4,252	3,667	300	2,465	2,192	395	6,717	5,859

Note:--Employment is reported by each plant for each month for the payroll period that includes the 12th of the month. Employment for the season is based on the greatest number of employees working during the payroll period that included the 12th of each month. Employment for the year is obtained by adding the number of employees recorded as working during the payroll period that included the 12th of each month, and dividing by 12.

MIDDLE ATLANTIC FISHERIES

PROCESSED FISHERY PRODUCTS, 1976

Item	Unit	New York		New Jersey		Pennsylvania and Delaware	
		Quantity	Dollars	Quantity	Dollars	Quantity	Dollars
		Thousands					
Bluefish, fresh fillets	Pounds	–	–	43	42	–	–
Butterfish, smoked	do	38	90	(1)	(1)	(1)	(1)
Chubs, smoked	do	1,403	3,159	(1)	(1)	(1)	(1)
Cod, fresh fillets and steaks	do	1,257	2,038	283	363	(2)	(2)
Eels, smoked	do	34	92	(1)	(1)	(1)	(1)
Flounders, fresh fillets	do	3,452	7,556	450	662	(2)	(2)
Hake, fresh fillets	do	20	22	(3)	(3)	–	–
Herring, sea, salted in wine and cream sauces	do	7,539	12,210	–	–	–	–
Pollock, fresh fillets and steaks	do	10	10	(3)	(3)	–	–
Sablefish, smoked	do	1,100	2,137	(1)	(1)	(1)	(1)
Salmon:							
Canned caviar	Standard cases	1	553	–	–	–	–
Mild cured	Pounds	1,221	5,338	–	–	–	–
Smoked	do	5,285	23,387	(1)	(1)	(1)	(1)
Sturgeon:							
Canned caviar	Standard cases	1	1,665	–	–	–	–
Smoked	Pounds	378	1,125	(1)	(1)	(1)	(1)
Whitefish:							
Canned caviar	Standard cases	3	346	–	–	–	–
Smoked	Pounds	1,374	2,884	(1)	(1)	(1)	(1)
Whiting, smoked	do	714	506	(1)	(1)	(1)	(1)
Shrimp, canned, bisques, chowders, soups, and in sauces	Standard cases	–	–	31	1,225	–	–
Clams:							
Fresh and frozen:							
Shucked:							
Hard	Gallons	–	–	(1)	(1)	13	123
Surf	do	331	1,965	1,313	9,428	(1)	(1)
Canned:							
Minced	Standard cases	(1)	(1)	238	6,721	(1)	(1)
Chowders and juices	do	(1)	(1)	527	6,956	471	4,683
In sauces	do	–	–	101	5,321	(1)	(1)
Oysters, fresh shucked	Gallons	(1)	(1)	139	2,367	42	759
Scallops, fresh shucked:							
Bay	do	50	816	–	–	–	–
Sea	Pounds	249	412	–	–	–	–
Unclassified:							
Fresh and frozen	do	(4) 7,097	(4) 9,897	(5) 40,193	(5) 34,443	(6) 88,196	(6) 82,865
Canned:							
Gefiltefish	Standard cases	306	8,234	(3)	(3)	–	–
Other	do	(7) 249	(7) 3,861	(8) 219	(8) 6,784	(9) 287	(9) 7,959
Cured	Pounds	(10) 350	(10) 479	(11) 216	(11) 607	(6)	(6)
Industrial	–	–	(4)	–	(12) 7,389	–	(6)
Total	–	–	81,618	–	89,303	–	96,472

(1) Included with unclassified. (2) Pennsylvania production of cod and flounder fillets has been included with New Jersey. (3) New Jersey production of hake fillets, pollock fillets and steaks, and gefiltefish has been included with New York. (4) Includes fillets of ocean perch and shad; shrimp cooked, peeled and deveined, shrimp breaded raw and cooked, shrimp cocktails, cured and refrigerated; surf clams breaded and cooked strips, hard-clam cocktails, cured and refrigerated; conch meats natural and in tomato sauce; oysters shucked, and stuffed on half shell; squid in tomato sauce: and the values of clams ground for animal food, and unclassified meal. (5) Includes fillets of ocean perch, red snappers, sea trout, striped bass and whiting; flounders, breaded raw and stuffed; crabs, breaded raw and cooked, cutlet, deviled and cakes; hard clams shucked, and cooked juices; surf clams, cakes, patties, and stuffed on half shell breaded raw and cooked; conch meats natural; oysters breaded raw; fish sticks breaded cooked; fish portions breaded cooked, and unbreaded; and unclassified specialties. (6) Includes cod cakes breaded cooked; crabs, breaded cooked cakes, deviled and stuffed; shrimp cooked, peeled and deveined, shrimp breaded raw, shrimp cocktails, cured and refrigerated, shrimp cakes and sticks breaded and cooked; surf clams shucked, deviled, sticks, patties, in sauces, and strips breaded cooked, and surf clam cocktails, cured and refrigerated; oysters, breaded and cooked, and cooked pies; fish sticks breaded, raw and cooked; fish portions, breaded raw, breaded cooked, and unbreaded; and unclassified croquettes, cakes and dinners breaded cooked; smoked butterfish, carp, eels, sea herring, sablefish, salmon, sturgeon, whitefish, whiting, unclassified fish; and salmon mild-cured; and the values of oyster shell grit and unclassified meal. (7) Includes canned anchovy paste, lumpfish caviar, surf clams, minced, chowder, and juice; conch meats and squid natural. (8) Includes canned cod cakes; whitefish natural; crab bisque; northern lobster bisque; spiny lobster in sauces; conch and squid natural; oyster bisques; turtle soup and essences; and unclassified animal food. (9) Includes canned surf clams minced, and in sauces; tuna with noodles, and unclassified animal food. (10) Includes smoked buffalofish, carp, cod, haddock, sea herring, shad, and unclassified fish; and whitefish salted. (11) Includes smoked butterfish, chubs, eels, sablefish, salmon, sturgeon, tuna, whitefish, whiting, and unclassified fish. (12) Includes the value of menhaden meal, oil, and solubles; shark leathers, and marine shell buttons.

Note:--This table will not add. Individual State totals are correct. Some of the products may have been processed from raw products imported from another State or foreign country; therefore, thev cannot be correlated directly with landings within the State. Certain items

NEW YORK

OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS			POUND NETS	
		FISH	LOBSTER	SCALLOP	FISH	CRAB
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	3	251	12	14	10	-
PART-TIME	-	10	-	-	-	-
ON BOATS AND SHORE:						
FULL-TIME	84	34	-	15	58	2
PART-TIME	4	8	-	-	10	-
TOTAL	91	303	12	29	78	2
VESSELS, MOTOR	1	105	3	4	5	-
GROSS TONNAGE	11	4,403	295	324	67	-
BOATS:						
MOTOR	25	17	-	5	39	1
OTHER	-	-	-	-	33	1
GEAR	26	122	3	9	126	3

ITEM	FYKE AND HOOP NETS		POTS AND TRAPS			
	FISH	TURTLE	CONCH	CRAB, BLUE	EEL	FISH
	NUMBER					
FISHERMEN, ON BOATS AND SHORE:						
FULL-TIME	-	-	15	-	20	16
PART-TIME	15	2	-	8	32	-
TOTAL	15	2	15	8	52	16
BOATS, MOTOR	15	2	15	8	52	14
GEAR	126	20	1,125	375	2,080	1,050

ITEM	POTS AND TRAPS - CONTINUED		GILL NETS		LINES	
	LOBSTER		ANCHOR, SET, OR STAKE	DRIFT, SHAD	HAND	LONG OR SET WITH HOOKS
	INSHORE	OFFSHORE				
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME	40	26	-	-	-	13
ON BOATS AND SHORE:						
FULL-TIME	247	-	-	-	175	26
PART-TIME	266	-	47	31	3,100	5
TOTAL	553	26	47	31	3,275	44
VESSELS, MOTOR	22	9	-	-	-	3
GROSS TONNAGE	304	407	-	-	-	179
BOATS, MOTOR	378	-	47	31	817	14
GEAR	54,765	5,270	150	35	3,275	140

ITEM	DIP NETS, COMMON	SPEARS	DREDGES			
			CLAM	CONCH	MUSSEL	OYSTER, COMMON
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME	-	-	73	-	7	57
ON BOATS AND SHORE:						
FULL-TIME	-	10	4	14	5	-
PART-TIME	267	35	-	-	-	-
TOTAL	267	45	77	14	12	57
VESSELS, MOTOR	-	-	29	-	2	10
GROSS TONNAGE	-	-	1,013	-	94	922
BOATS, MOTOR	134	45	2	7	5	-
GEAR	267	45	31	14	9	19

ITEM	DREDGES - CONTINUED		TONGS		RAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	SCALLOP		OYSTER	OTHER		
	BAY	SEA				
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	-	48	-	-	-	512
PART-TIME	-	-	-	-	-	10
ON BOATS AND SHORE:						
FULL-TIME	415	-	27	1,280	2,100	3,484
PART-TIME	405	-	-	2,011	4,550	9,815
TOTAL	820	48	27	3,291	6,650	13,821

(CONTINUED ON NEXT PAGE)

NEW YORK - OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	DREDGES - CONTINUED		TONGS		RAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	SCALLOP		OYSTER	OTHER		
	BAY	SEA				
	NUMBER					
VESSELS, MOTOR	-	4	-	-	-	183
GROSS TONNAGE	-	514	-	-	-	7,691
BOATS:						
MOTOR	410	-	27	3,291	6,650	10,557
OTHER	-	-	-	-	-	33
GEAR	820	8	27	3,291	6,650	-

NEW YORK - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			FISH		LOBSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	-	-	73,800	14,890	-	-
BLUEFISH	152,000	25,507	109,400	19,212	-	-
BUTTERFISH	5,300	1,589	743,600	216,902	-	-
CARP	800	155	-	-	-	-
CATFISH	400	75	-	-	-	-
COD	-	-	586,500	166,862	-	-
CRAPPIE	5,400	807	-	-	-	-
CUSK	-	-	1,100	150	-	-
EELS, CONGER	-	-	2,600	393	-	-
FLOUNDERS:						
BLACKBACK	-	-	605,700	119,633	-	-
DAB	-	-	600	148	-	-
FLUKE	1,100	611	3,060,900	1,432,924	-	-
GRAY SOLE	-	-	6,200	1,732	-	-
LEMON SOLE	-	-	4,200	1,872	-	-
YELLOWTAIL	-	-	589,200	166,537	-	-
UNCLASSIFIED	-	-	35,300	3,937	-	-
GOLDFISH	800	600	-	-	-	-
HADDOCK	-	-	7,000	2,878	-	-
HAKE:						
RED	-	-	308,400	25,816	-	-
WHITE	-	-	6,800	1,077	-	-
HERRING, SEA	-	-	7,900	723	-	-
KING WHITING OR "KINGFISH"	300	41	200	27	-	-
LAUNCE	38,800	6,853	-	-	-	-
MACKEREL, ATLANTIC	40,200	7,642	41,200	6,462	-	-
MENHADEN	7,000	350	-	-	-	-
POLLOCK	-	-	5,000	916	-	-
SALMON, ATLANTIC	-	-	100	16	-	-
SCUP OR PORGY	40,400	8,245	1,844,900	436,536	-	-
SEA BASS, BLACK	-	-	48,800	20,041	-	-
SEA ROBIN	6,600	503	4,700	435	-	-
SEA TROUT OR WEAKFISH, GRAY	237,900	52,630	419,400	98,222	-	-
SHAD	400	109	500	103	-	-
SHARKS:						
GRAYFISH	2,100	195	125,200	13,544	-	-
UNCLASSIFIED	-	-	500	101	-	-
SILVERSIDES	67,200	25,222	-	-	-	-
SKATES	-	-	48,700	8,217	-	-
SMELT	1,100	495	-	-	-	-
SPOT	-	-	300	37	-	-
STRIPED BASS	105,200	65,190	100,300	63,872	-	-
STURGEON, COMMON	-	-	2,000	484	-	-
SUCKERS	100	41	-	-	-	-
SUNFISH	1,700	259	-	-	-	-
SWELLFISH	600	436	-	-	-	-
TAUTOG	1,300	111	3,800	452	-	-
WHITE PERCH	53,500	12,970	-	-	-	-
WHITING	-	-	2,490,400	282,726	-	-
WOLFFISH	-	-	400	60	-	-
YELLOW PERCH	500	125	-	-	-	-
YELLOW PIKE	900	135	-	-	-	-
LOBSTERS, AMERICAN	-	-	-	-	52,800	114,934
CONCHS	-	-	2,700	805	-	-
SCALLOPS, SEA	-	-	38,800	70,821	-	-
SQUID	700	149	823,700	167,160	-	-
TOTAL	772,300	211,045	12,150,800	3,346,723	52,800	114,934

(CONTINUED ON NEXT PAGE)

NEW YORK - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS			
	SCALLOP		FISH		CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH.	-	-	4,400	902	-	-
BLUEFISH.	-	-	90,600	15,464	-	-
BONITO.	-	-	1,100	293	-	-
BUTTERFISH.	-	-	207,200	54,572	-	-
COD	-	-	5,800	2,090	-	-
EELS, COMMON.	-	-	41,100	17,175	-	-
FLOUNDERS:						
BLACKBACK	-	-	50,900	9,767	-	-
FLUKE	-	-	54,000	25,026	-	-
HERRING, SEA.	-	-	18,200	2,095	-	-
KING WHITING OR "KINGFISH".	-	-	900	129	-	-
MACKEREL:						
ATLANTIC.	-	-	144,900	21,630	-	-
SPANISH	-	-	600	108	-	-
MENHADEN.	-	-	534,200	22,738	-	-
MULLET, BLACK (LISA). . . .	-	-	1,000	178	-	-
SCUP OR PORGY	-	-	327,100	72,446	-	-
SEA BASS, BLACK	-	-	25,700	9,560	-	-
SEA ROBIN	-	-	21,800	1,850	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	355,600	78,186	-	-
SHAD.	-	-	100	20	-	-
SHARKS, GRAYFISH.	-	-	65,500	6,250	-	-
SPOT.	-	-	2,500	598	-	-
STRIPED BASS.	-	-	89,700	55,466	-	-
STURGEON, COMMON.	-	-	300	63	-	-
SWELLFISH	-	-	6,700	5,376	-	-
TAUTOG.	-	-	31,800	2,936	-	-
WHITING	-	-	54,300	6,739	-	-
CRABS, BLUE, HARD	-	-	-	-	300	85
SCALLOPS, SEA	209,800	344,966	-	-	-	-
SQUID	-	-	282,700	57,391	-	-
TOTAL	209,800	344,966	2,418,700	469,048	300	85

SPECIES	FYKE AND HOOP NETS				POTS AND TRAPS	
	FISH		TURTLE		CONCH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP.	800	150	-	-	-	-
CRAPPIE	400	53	-	-	-	-
FLOUNDERS, BLACKBACK. . . .	42,700	11,539	-	-	-	-
CONCHS.	-	-	-	-	28,600	9,862
TURTLES, SNAPPER.	-	-	200	56	-	-
TOTAL	43,900	11,742	200	56	28,600	9,862

SPECIES	POTS AND TRAPS - CONTINUED					
	CRAB, BLUE		EEL		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS, COMMON.	-	-	41,800	15,392	-	-
SCUP OR PORGY	-	-	-	-	28,000	7,344
SEA BASS, BLACK	-	-	-	-	113,100	39,889
TAUTOG.	-	-	-	-	1,100	153
CRABS, BLUE, HARD	52,000	19,760	-	-	-	-
TOTAL	52,000	19,760	41,800	15,392	142,200	47,386

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	LOBSTER				ANCHOR, SET, OR STAKE	
	NSHORE		OFFSHORE			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH.	-	-	-	-	85,200	14,435
BONITO.	-	-	-	-	500	119
BUTTERFISH.	-	-	-	-	3,300	891
CARP.	-	-	-	-	25,600	5,110
CATFISH	-	-	-	-	400	80
COD	-	-	-	-	2,600	605
CRAPPIE	-	-	-	-	400	60
FLOUNDERS, BLACKBACK. . . .	-	-	-	-	400	52
HAKE, RED	300	26	-	-	-	-
HERRING, SEA.	-	-	-	-	200	30
MACKEREL, ATLANTIC.	-	-	-	-	3,300	765
MENHADEN.	-	-	-	-	472,300	19,925

(CONTINUED ON NEXT PAGE)

NEW YORK - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	LOBSTER				ANCHOR, SET, OR STAKE	
	INSHORE		OFFSHORE			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SCUP OR PORGY	-	-	-	-	7,000	1,720
SEA BASS, BLACK	-	-	-	-	1,200	413
SEA ROBIN	-	-	-	-	5,100	306
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	190,100	41,391
SHAD	-	-	-	-	173,000	55,317
SHARKS, GRAYFISH	-	-	-	-	3,600	382
STRIPED BASS	-	-	-	-	184,200	110,815
STURGEON, COMMON	-	-	-	-	1,700	418
SUNFISH	-	-	-	-	800	117
TAUTOG	2,300	341	-	-	600	53
CRABS, JONAH	10,000	3,000	97,300	29,190	-	-
LOBSTERS, AMERICAN	294,400	670,891	245,900	552,659	-	-
TOTAL	307,000	674,258	343,200	581,849	1,161,500	252,994

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT, SHAD		HAND		LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	163,000	27,627	-	-
BONITO	-	-	2,700	677	-	-
CARP	10,000	2,000	-	-	1,400	280
CATFISH	-	-	-	-	1,600	315
COD	-	-	21,700	7,041	69,400	23,339
CRAPPIE	400	56	-	-	1,400	210
CUNNER	-	-	100	10	-	-
FLOUNDERS:						
BLACKBACK	-	-	8,000	1,870	-	-
FLUKE	-	-	72,800	35,385	-	-
HAKE, RED	-	-	300	27	-	-
MACKEREL, ATLANTIC	-	-	19,500	3,018	-	-
POLLOCK	-	-	200	24	-	-
SCUP OR PORGY	-	-	219,800	53,108	-	-
SEA BASS, BLACK	-	-	83,400	29,726	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	142,400	33,550	-	-
SHAD	11,700	3,744	-	-	-	-
SHARKS:						
GRAYFISH	-	-	300	32	9,100	1,231
UNCLASSIFIED	-	-	6,700	1,285	-	-
SPOT	-	-	300	68	-	-
STRIPED BASS	100	36	371,300	221,203	-	-
STURGEON, COMMON	200	43	-	-	-	-
SUCKERS	-	-	-	-	600	177
TAUTOG	-	-	30,500	3,161	-	-
TILEFISH	-	-	900	334	49,500	19,448
TUNA:						
BLUEFIN	-	-	700	276	-	-
LITTLE	-	-	1,300	474	-	-
WHITE PERCH	200	50	-	-	-	-
WHITING	-	-	1,300	190	-	-
TOTAL	22,600	5,929	1,147,200	419,086	133,000	45,000

SPECIES	DIP NETS, COMMON		SPEARS		DREDGES	
					CLAM	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	1,500	146	-	-	-	-
CARP	1,800	350	-	-	-	-
CRAPPIE	1,500	225	-	-	-	-
EELS, COMMON	-	-	38,900	17,470	-	-
SMELT	7,200	3,324	-	-	-	-
SUNFISH	800	120	-	-	-	-
CLAMS:						
HARD, PRIVATE	-	-	-	-	1,707,300	3,466,589
SURF	-	-	-	-	3,454,800	1,089,204
TOTAL	12,800	4,165	38,900	17,470	5,162,100	4,555,793

(CONTINUED ON NEXT PAGE)

NEW YORK - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	DREDGES - CONTINUED					
	CONCH		MUSSEL		OYSTER, COMMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CONCHS	45,200	15,356	-	-	-	-
MUSSELS, SEA	-	-	12,600	5,448	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING	-	-	-	-	868,400	2,143,610
FALL	-	-	-	-	1,019,900	2,589,608
TOTAL	45,200	15,356	12,600	5,448	1,888,300	4,733,218

SPECIES	DREDGES - CONTINUED				TONGS	
	SCALLOP				OYSTER	
	BAY		SEA			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS:						
BLACKBACK	-	-	4,400	1,080	-	-
FLUKE	-	-	13,800	5,835	-	-
YELLOWTAIL	-	-	5,400	1,531	-	-
SCUP OR PORGY	-	-	700	189	-	-
OYSTERS, MARKET, PUBLIC:						
SPRING	-	-	-	-	7,200	17,189
FALL	-	-	-	-	5,500	13,550
SCALLOPS:						
BAY	438,000	816,372	-	-	-	-
SEA	-	-	509,300	819,866	-	-
SQUID	-	-	500	115	-	-
TOTAL	438,000	816,372	534,100	828,616	12,700	30,739

SPECIES	TONGS - CONTINUED		RAKES	
	OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:				
HARD, PUBLIC	3,547,600	7,044,688	3,773,500	7,608,987
RAZOR	-	-	2,100	858
SOFT, PUBLIC	-	-	46,500	61,406
CONCHS	12,800	4,373	-	-
MUSSELS, SEA	72,300	31,061	-	-
TOTAL	3,632,700	7,080,122	3,822,100	7,671,251

NEW JERSEY
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	PURSE SEINES			OTTER TRAWLS	
		MENHADEN	TUNA	OTHER	FISH	LOBSTER
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	-	87	29	8	610	64
PART-TIME	-	-	-	-	9	-
ON BOATS AND SHORE, FULL-TIME	19	-	-	-	14	-
TOTAL	19	87	29	8	633	64
VESSELS, MOTOR	-	7	3	1	169	18
GROSS TONNAGE	-	2,536	428	166	12,325	1,238
BOATS, MOTOR	8	9	2	-	7	-
GEAR	8	7	3	1	176	18

ITEM	OTTER TRAWLS - CONTINUED	MIDWATER TRAWLS	WEIRS	POUND NETS, FISH	FYKE AND HOOP NETS, FISH
	SCALLOP				
	NUMBER				
FISHERMEN:					
ON VESSELS, FULL-TIME	325	36	-	8	-
ON BOATS AND SHORE, FULL-TIME	-	-	4	7	9
TOTAL	325	36	4	15	9
VESSELS, MOTOR	72	10	-	3	-
GROSS TONNAGE	5,890	999	-	25	-
BOATS:					
MOTOR	-	-	2	2	9
OTHER	-	-	2	-	-
GEAR	72	10	2	11	30

ITEM	POTS AND TRAPS					
	CRAB, BLUE	EEL	FISH	LOBSTER		TURTLE
				INSHORE	OFFSHORE	
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME	14	-	34	75	28	-
ON BOATS AND SHORE:						
FULL-TIME	156	39	6	27	-	-
PART-TIME	59	9	-	-	-	9
TOTAL	229	48	40	102	28	9
VESSELS, MOTOR	8	-	17	38	13	-
GROSS TONNAGE	95	-	332	522	311	-
BOATS:						
MOTOR	178	48	3	14	-	7
OTHER	-	-	-	-	-	2
GEAR	16,004	2,805	12,250	24,855	7,700	120

ITEM	GILL NETS				LINES	
	ANCHOR, SET, OR STAKE	DRIFT		RUNAROUND	HAND	TROLL
		SHAD	OTHER			
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	6	-	24	31	2	3
PART-TIME	-	-	-	2	-	-
ON BOATS AND SHORE:						
FULL-TIME	30	2	22	60	12	-
PART-TIME	24	4	-	42	62	3
TOTAL	60	6	46	135	76	6
VESSELS, MOTOR	3	-	11	16	1	1
GROSS TONNAGE	35	-	187	225	14	26
BOATS, MOTOR	26	3	11	51	38	3
GEAR	36	6	22	67	88	6

(CONTINUED ON NEXT PAGE)

NEW JERSEY - OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	LINES - CONTINUED	SPEARS	DREDGES			
	LONG OR SET WITH HOOKS		CLAM	CRAB	OYSTER, COMMON	SCALLOP, SEA
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	79	-	251	89	121	169
PART-TIME	3	-	3	-	-	-
ON BOATS AND SHORE:						
FULL-TIME	4	1	-	51	6	-
PART-TIME	6	-	-	4	-	-
TOTAL	92	1	254	144	127	169
VESSELS, MOTOR	25	-	70	37	21	17
GROSS TONNAGE	1,423	-	6,706	716	774	1,955
BOATS, MOTOR	5	1	-	36	3	-
GEAR	30	1	71	127	45	31

ITEM	TONGS		RAKES	HOES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER				
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	-	-	-	-	-	1,522
PART-TIME	-	-	-	-	-	17
ON BOATS AND SHORE:						
FULL-TIME	18	173	405	19	370	821
PART-TIME	15	215	460	7	755	1,062
TOTAL	33	388	865	26	1,125	3,422
VESSELS, MOTOR	-	-	-	-	-	386
GROSS TONNAGE	-	-	-	-	-	26,553
BOATS:						
MOTOR	27	388	865	26	1,020	1,598
OTHER	-	-	-	-	20	24
GEAR	33	388	865	26	-	-

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
			MENHADEN		TUNA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	9,700	389	-	-	-	-
BLUEFISH	-	-	-	-	1,300	92
CARP	40,200	3,088	-	-	-	-
CATFISH AND BULLHEADS	2,000	324	-	-	-	-
FLOUNDERS, BLACKBACK	500	88	-	-	-	-
MENHADEN	-	-	147,660,700	4,188,141	-	-
SHAD	300	65	-	-	-	-
TUNA:						
BLUEFIN	-	-	-	-	1,172,200	397,958
YELLOWFIN	-	-	-	-	10,600	4,465
WHITE PERCH	23,700	6,001	-	-	-	-
TOTAL	76,400	9,955	147,660,700	4,188,141	1,184,100	402,515

SPECIES	PURSE SEINES - CONTINUED		OTTER TRAWLS			
	OTHER		FISH		LOBSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH	-	-	1,900	136	-	-
BLUEFISH	89,500	11,190	337,800	31,881	100	29
BONITO	-	-	1,000	190	-	-
BUTTERFISH	-	-	234,700	57,997	2,100	240
COD	-	-	27,400	11,467	700	207
CROAKER	-	-	665,800	56,743	-	-
CUNNER	-	-	-	-	100	3
DRUM, BLACK	-	-	2,300	184	-	-
EELS, CONGER	-	-	100	10	-	-

(CONTINUED ON NEXT PAGE)

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	PURSE SEINES - CONTINUED		OTTER TRAWLS			
	OTHER		FISH		LOBSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS:						
BLACKBACK	-	-	56,500	8,942	-	-
FLUKE	-	-	5,583,400	2,315,434	1,500	727
GRAY SOLE	-	-	9,800	2,169	1,300	411
SAND	-	-	100	8	-	-
YELLOWTAIL	-	-	2,700	621	-	-
HAKE:						
RED	-	-	1,810,000	136,780	-	-
WHITE	-	-	2,700	416	25,000	5,717
HERRING, SEA	-	-	61,600	3,893	-	-
KING WHITING OR "KINGFISH"	-	-	200	21	-	-
MACKEREL:						
ATLANTIC	-	-	494,800	43,842	-	-
KING	-	-	500	270	-	-
SPANISH	-	-	200	34	-	-
MENHADEN	-	-	13,500	579	-	-
POLLOCK	-	-	900	155	-	-
SCUP OR PORGY	-	-	6,701,600	1,403,771	100	31
SEA BASS, BLACK	-	-	524,600	180,468	100	25
SEA TROUT OR WEAKFISH, GRAY	241,900	42,699	1,923,500	152,304	-	-
SHAD	-	-	1,500	272	-	-
SHARKS, GRAYFISH	-	-	200	20	-	-
SPOT	-	-	400	34	-	-
STRIPED BASS	-	-	80,700	62,533	-	-
STURGEON, COMMON	-	-	8,500	1,491	-	-
TAUTOG	-	-	4,100	202	-	-
TILEFISH	-	-	1,600	427	2,500	862
TUNA:						
BLUEFIN	33,300	9,298	-	-	-	-
LITTLE	-	-	200	30	-	-
WHITING	-	-	7,883,600	740,397	300	48
UNCLASSIFIED:						
FOR FOOD	-	-	11,800	2,396	100	32
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	4,000	159	-	-
CRABS:						
BLUE, HARD	-	-	1,600	471	-	-
RED	-	-	-	-	700	44
ROCK	-	-	1,400	61	12,100	761
LOBSTERS, AMERICAN	-	-	12,100	24,455	145,400	273,523
CONCHS	-	-	18,300	4,382	-	-
SCALLOPS, SEA	-	-	39,800	83,054	900	1,666
SQUID	-	-	868,300	194,924	2,900	1,121
TOTAL	364,700	63,187	27,395,700	5,523,623	195,900	285,447

SPECIES	OTTER TRAWLS - CONTINUED		MIDWATER TRAWLS	
	SCALLOP			
	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	282,900	17,402
BONITO	-	-	100	19
BUTTERFISH	1,000	175	52,400	11,965
CROAKER	-	-	31,800	2,061
DRUM, BLACK	-	-	4,300	384
FLOUNDERS:				
BLACKBACK	3,900	764	-	-
FLUKE	23,900	8,861	500	209
GRAY SOLE	300	84	-	-
YELLOWTAIL	1,200	224	-	-
HAKE:				
RED	200	21	100	3
WHITE	100	18	-	-
HERRING, SEA	-	-	47,700	1,281
MACKEREL:				
ATLANTIC	-	-	1,351,800	105,406
KING	-	-	500	209
SPANISH	-	-	700	161
MENHADEN	-	-	96,100	3,622
SCUP OR PORGY	9,600	2,789	200	52
SEA BASS, BLACK	1,900	1,016	200	52
SEA TROUT OR WEAKFISH, GRAY	100	44	2,597,800	161,966
SHAD	-	-	900	70
SHARKS, UNCLASSIFIED	-	-	1,400	64
STRIPED BASS	-	-	34,400	24,430

(CONTINUED ON NEXT PAGE)

NEW JERSEY - LANDING OF CATCH BY GEAR, 1976 - Continued

SPECIES	OTTER TRAWLS - CONTINUED		MIDWATER TRAWLS	
	SCALLOP			
	POUNDS	DOLLARS	POUNDS	DOLLARS
STURGEON, COMMON	-	-	1,200	195
TAUTOG	-	-	200	6
TUNA:				
BLUEFIN	-	-	100	61
LITTLE	-	-	200	44
WHITING	800	76	17,700	1,408
UNCLASSIFIED, FOR FOOD	100	31	500	42
CRABS, ROCK	400	24	-	-
LOBSTERS, AMERICAN	6,700	11,080	-	-
SCALLOPS, SEA	1,490,100	2,230,908	-	-
SQUID	2,200	640	1,600	351
TOTAL	1,542,500	2,256,755	4,525,300	331,463

SPECIES	WEIRS		POUND NETS, FISH		FYKE AND HOOP NETS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	-	-	1,600	64
BLUEFISH	-	-	108,600	23,537	-	-
BUTTERFISH	-	-	45,800	12,195	-	-
CARP	-	-	-	-	6,100	425
CATFISH AND BULLHEADS	-	-	-	-	300	41
DRUM, BLACK	-	-	100	15	-	-
EELS, COMMON	8,000	6,000	100	30	-	-
FLOUNDERS:						
BLACKBACK	-	-	1,100	247	80,300	14,642
FLUKE	-	-	13,100	7,003	-	-
SAND	-	-	800	80	-	-
HAKE, RED	-	-	4,500	360	-	-
HERRING, SEA	-	-	9,400	388	-	-
MACKEREL, SPANISH	-	-	200	76	-	-
MENHADEN	-	-	2,422,900	99,186	-	-
SCUP OR PORGY	-	-	1,000	299	-	-
SEA ROBIN	-	-	1,200	63	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	378,300	95,951	-	-
SHAD	-	-	5,300	1,173	-	-
SHARKS:						
GRAYFISH	-	-	2,200	168	-	-
UNCLASSIFIED	-	-	400	30	-	-
SKATES	-	-	200	16	-	-
SPOT	-	-	1,500	214	-	-
STRIPED BASS	-	-	800	559	-	-
STURGEON, COMMON	-	-	1,200	233	-	-
TAUTOG	-	-	2,400	186	-	-
WHITE PERCH	-	-	-	-	67,100	17,161
WHITING	-	-	4,700	517	-	-
UNCLASSIFIED, FOR FOOD	-	-	500	109	-	-
CRABS, BLUE, HARD	-	-	900	294	-	-
TURTLES, UNCLASSIFIED	-	-	700	65	-	-
TOTAL	8,000	6,000	3,007,900	242,994	155,400	32,333

SPECIES	POTS AND TRAPS					
	CRAB, BLUE		EEL		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	-	-	100	5
EELS:						
COMMON	-	-	194,800	61,383	-	-
CONGER	-	-	-	-	6,900	704
HAKE, RED	-	-	-	-	59,400	4,414
SCUP OR PORGY	-	-	-	-	300	51
SEA BASS, BLACK	-	-	-	-	917,200	333,320
TAUTOG	-	-	-	-	14,800	760
UNCLASSIFIED, FOR FOOD	-	-	-	-	400	55
CRABS:						
BLUE;						
HARD	2,011,400	630,777	-	-	-	-
SOFT AND PEELER	90,000	40,030	-	-	-	-
ROCK	-	-	-	-	100	9
LOBSTERS, AMERICAN	-	-	-	-	3,400	6,685
TOTAL	2,101,400	670,807	194,800	61,383	1,002,600	346,003

(CONTINUED ON NEXT PAGE)

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POTS AND TRAPS - CONTINUED					
	LOBSTER				TURTLE	
	INSHORE		OFFSHORE			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS, CONGER.	200	29	-	-	-	-
HAKE, RED	18,500	1,795	1,600	180	-	-
SEA BASS, BLACK	11,000	4,124	8,300	1,962	-	-
TAUTOG.	21,500	2,007	300	24	-	-
CRABS:						
RED	-	-	2,200	132	-	-
ROCK.	48,100	2,863	87,700	6,206	-	-
LOBSTERS, AMERICAN.	178,900	349,930	299,000	570,422	-	-
TURTLES, SNAPPER.	-	-	-	-	10,900	2,649
TOTAL	278,200	360,748	399,100	578,926	10,900	2,649

SPECIES	GILL NETS					
	ANCHOR, SET, OR STAKE		DRIFT			
			SHAD		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH.	-	-	300	35	-	-
HERRING, SEA.	100	3	-	-	-	-
MACKEREL, ATLANTIC.	-	-	200	22	4,700	1,234
MENHADEN.	186,500	9,080	-	-	34,900	1,402
SEA TROUT OR WEAKFISH, GRAY	41,200	6,204	5,100	1,370	24,800	5,749
SHAD.	69,200	15,673	6,400	2,034	10,400	3,072
STRIPED BASS.	3,000	1,100	1,400	457	3,700	2,367
TAUTOG.	-	-	-	-	400	28
WHITE PERCH	3,600	905	-	-	-	-
WHITING	-	-	1,000	120	6,600	724
UNCLASSIFIED, FOR FOOD. . .	200	30	-	-	200	54
TOTAL	303,800	32,995	14,400	4,038	85,700	14,630

SPECIES	GILL NETS - CONTINUED		LINES			
	RUNAROUND		HAND		TROLL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGLERFISH.	1,600	81	-	-	-	-
BLUEFISH.	447,100	58,974	12,600	1,429	100	12
BONITO.	100	21	-	-	-	-
BUTTERFISH.	200	54	-	-	-	-
CROAKER	2,800	318	200	30	-	-
DRUM, BLACK	18,000	2,687	-	-	-	-
FLOUNDERS:						
BLACKBACK	100	21	-	-	-	-
FLUKE	500	201	-	-	-	-
MACKEREL:						
ATLANTIC.	300	63	400	32	-	-
KING.	100	51	-	-	-	-
SPANISH	300	96	-	-	-	-
MENHADEN.	22,900	1,222	-	-	-	-
SEA BASS, BLACK	500	169	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	429,100	77,196	67,500	12,711	-	-
SHAD.	5,500	917	-	-	-	-
SPOT.	200	57	300	84	-	-
STRIPED BASS.	10,700	8,888	2,500	1,510	200	121
TAUTOG.	300	22	-	-	-	-
TILEFISH.	-	-	1,200	362	-	-
TUNA, BLUEFIN	100	32	-	-	100	56
WHITE PERCH	600	140	-	-	-	-
WHITING	300	32	-	-	-	-
UNCLASSIFIED, FOR FOOD. . .	300	48	200	42	-	-
TOTAL	941,600	151,290	84,900	16,200	400	189

(CONTINUED ON NEXT PAGE)

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	LINES - CONTINUED		SPEARS		DREDGES	
	LONG OR SET WITH HOOKS				CLAM	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	62,400	26,540	-	-	-	-
EELS: COMMON.	200	20	400	200	-	-
CONGER.	6,400	1,101	-	-	-	-
SHARKS:						
GRAYFISH.	1,300	78	-	-	-	-
UNCLASSIFIED.	1,700	255	-	-	-	-
SWORDFISH	162,500	267,574	-	-	-	-
TILEFISH.	1,578,300	723,796	-	-	-	-
UNCLASSIFIED, FOR FOOD. . .	2,200	990	-	-	-	-
CLAMS:						
OCEAN QUAHOG.	-	-	-	-	4,098,700	1,236,714
SURF.	-	-	-	-	24,377,700	10,829,520
CONCHS.	-	-	-	-	66,100	17,348
TOTAL	1,815,000	1,020,354	400	200	28,542,500	12,083,582

SPECIES	DREDGES - CONTINUED					
	CRAB		OYSTER, COMMON		SCALLOP, SEA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS:						
BLACKBACK	-	-	-	-	200	39
FLUKE	-	-	-	-	24,000	9,002
GRAY SOLE	-	-	-	-	100	10
YELLOWTAIL.	-	-	-	-	200	25
SCUP OR PORGY	-	-	-	-	100	7
SEA BASS, BLACK	-	-	-	-	200	65
CRABS, BLUE, HARD	682,100	199,264	-	-	-	-
LOBSTERS, AMERICAN.	-	-	-	-	100	67
OYSTERS, MARKET, PRIVATE:						
SPRING.	-	-	526,100	475,710	-	-
FALL.	-	-	868,300	832,471	-	-
SCALLOPS, SEA	-	-	-	-	1,344,100	2,477,640
TOTAL	682,100	199,264	1,394,400	1,308,181	1,369,000	2,486,855

SPECIES	TONGS				RAKES	
	OYSTER		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	-	-	235,000	266,940	726,100	823,482
OYSTERS, MARKET, PUBLIC:						
SPRING.	1,800	1,594	-	-	-	-
FALL.	6,400	6,101	-	-	-	-
TERRAPIN.	-	-	-	-	800	471
TURTLES, SNAPPER.	-	-	-	-	1,600	320
TOTAL	8,200	7,695	235,000	266,940	728,500	824,273

SPECIES	HOES		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS:				
HARD, PUBLIC.	-	-	531,200	597,541
SOFT, PUBLIC.	148,300	173,012	-	-
TOTAL	148,300	173,012	531,200	597,541

DELAWARE
OPERATING UNITS BY GEAR, 1976

ITEM	FYKE AND HOOP NETS		POTS AND TRAPS			
	FISH	TURTLE	CONCH	CRAB		EEL
				BLUE	OTHER	
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	-	-	2	19	-	3
PART-TIME	-	-	-	1	-	-
ON BOATS AND SHORE:						
FULL-TIME	-	-	2	42	1	4
PART-TIME	6	8	-	103	-	4
TOTAL	6	8	4	165	1	11
VESSELS, MOTOR	-	-	1	11	-	2
GROSS TONNAGE	-	-	13	120	-	17
BOATS, MOTOR	6	5	1	93	1	6
GEAR	53	48	550	13, 20	400	580

ITEM	POTS AND TRAPS - CONTINUED		GILL NETS		LINES, HAND	DREDGES
	FISH	LOBSTER, OFFSHORE	ANCHOR, SET, OR STAKE	DRIFT		CRAB
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	2	7	-	4	-	36
PART-TIME	-	-	-	3	-	11
ON BOATS AND SHORE:						
FULL-TIME	-	-	17	4	-	10
PART-TIME	-	-	48	23	30	-
TOTAL	2	7	65	34	30	57
VESSELS, MOTOR	1	3	-	3	-	19
GROSS TONNAGE	14	63	-	37	-	492
BOATS, MOTOR	-	-	45	19	4	5
GEAR	1,200	1,100	45	22	30	33

ITEM	DREDGES - CONTINUED	TONGS	RAKES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON				
	NUMBER				
FISHERMEN:					
ON VESSELS:					
FULL-TIME	37	-	-	-	85
PART-TIME	-	-	-	-	15
ON BOATS AND SHORE:					
FULL-TIME	-	14	9	8	80
PART-TIME	-	58	7	79	353
TOTAL	37	72	16	87	533
VESSELS, MOTOR	7	-	-	-	35
GROSS TONNAGE	295	-	-	-	804
BOATS, MOTOR	-	72	16	-	244
GEAR	14	72	16	-	-

DELAWARE - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	FYKE AND HOOP NETS				POTS AND TRAPS	
	FISH		TURTLE		CONCH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP	22,000	1,940	-	-	-	-
CATFISH AND BULLHEADS	9,800	1,372	-	-	-	-
EELS, COMMON	6,000	2,700	-	-	-	-
FLOUNDERS, BLACKBACK	4,900	1,169	-	-	-	-
CONCHS	-	-	-	-	417,000	41,965
TURTLES, SNAPPER	-	-	5,300	1,855	-	-
TOTAL	42,700	7,181	5,300	1,855	417,000	41,965

(CONTINUED ON NEXT PAGE)

DELAWARE - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POTS AND TRAPS - CONTINUED					
	CRAB				EEL	
	BLUE		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS, COMMON	-	-	-	-	74,900	29,894
CRABS:						
BLUE:						
HARD	2,833,900	915,093	-	-	-	-
SOFT AND PEELER	85,200	79,920	-	-	-	-
RED	-	-	25,000	12,750	-	-
JONAH	-	-	3,500	1,365	-	-
TOTAL	2,919,100	995,013	28,500	14,115	74,900	29,894

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	FISH		LOBSTER, OFFSHORE		ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	-	-	8,400	1,437
FLOUNDERS, FLUKE	-	-	-	-	200	60
HAKE, RED	3,500	105	-	-	-	-
MENHADEN	-	-	-	-	34,500	1,380
SEA BASS, BLACK	150,000	45,000	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	179,100	46,336
SHAD	-	-	-	-	33,200	7,421
STRIPED BASS	-	-	-	-	36,800	24,659
TAUTOG	800	64	-	-	-	-
WHITE PERCH	-	-	-	-	15,800	4,415
CRABS, JONAH	-	-	200	76	-	-
LOBSTERS, AMERICAN	-	-	26,200	55,310	-	-
TOTAL	154,300	45,169	26,400	55,386	308,000	85,708

SPECIES	GILL NETS - CONTINUED		LINES, HAND		DREDGES	
	DRIFT				CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	300	12	-	-	-	-
BLUEFISH	400	48	2,900	435	-	-
CATFISH AND BULLHEADS	1,100	176	-	-	-	-
CROAKER	-	-	2,600	832	-	-
FLOUNDERS, FLUKE	-	-	3,100	930	-	-
HAKE:						
RED	2,100	84	-	-	-	-
WHITE	800	168	-	-	-	-
MACKEREL, ATLANTIC	300	24	-	-	-	-
MENHADEN	800	24	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	48,800	12,192	18,100	4,525	-	-
SHAD	2,400	656	-	-	-	-
SHARKS, UNCLASSIFIED	1,200	60	-	-	-	-
SPOT	8,000	1,200	-	-	-	-
STRIPED BASS	32,600	26,370	11,200	5,040	-	-
WHITE PERCH	1,800	486	-	-	-	-
WHITING	8,800	1,144	-	-	-	-
YELLOW PERCH	300	60	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	731,200	160,000
TOTAL	109,700	42,704	37,900	11,762	731,200	160,000

SPECIES	DREDGES - CONTINUED		TONGS	
	OYSTER, COMMON			
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	-	-	28,600	29,458
OYSTERS, PRIVATE, FALL	262,300	380,700	-	-
TOTAL	262,300	380,700	28,600	29,458

SPECIES	RAKES		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
HORSESHOE CRABS	-	-	2,000,000	25,000
CLAMS, HARD, PUBLIC	23,000	24,159	-	-
TOTAL	23,000	24,159	2,000,000	25,000

SECTION 4

CHESAPEAKE FISHERIES

Commercial landings of fish and shellfish in the Chesapeake States of Maryland and Virginia were 587.0 million pounds valued at a record $74.2 million. Compared with 1975, this was an increase of 77.8 million pounds (15 percent) and $18.2 million (32 percent). The increase in quantity was primarily caused by improved landings of menhaden, sea scallops, bluefish, and croaker. Species having reduced landings were surf clams, alewives, oysters, and hard blue crabs.

Virginia landings of 528.9 million pounds valued at $43.4 million were 90 percent of the volume and 58 percent of the value of the Chesapeake catch. Leading species in Virginia were menhaden with 83 percent of the volume; hard blue crabs, 5 percent; and surf clams, 3 percent. Maryland landings were 58.1 million pounds worth $30.8 million. Hard blue crabs accounted for 33 percent of the Maryland landings; oysters, 26 percent; surf clams, 12 percent; and menhaden, 9 percent. With minor exceptions, the James River in Virginia continued to be closed in 1976 to all fishing, because of the presence of Kepone, an insecticide discharged by a chemical firm into the upper river at Hopewell. Among the exceptions was the transplanting of seed oysters, which had to remain on the new unpolluted ground for 1 year before harvesting. Shad fishing was allowed for a short time, but was closed in April. In May harvesting was permitted for channel catfish, hard clams, and oysters for transplanting. In June a portion of Hampton Roads was open for the capture of female blue crabs for marketing as picked meat only.

Fishermen and vessels. In 1976, 24,990 full-time and part-time fishermen operated 1,939 vessels of 5 net tons and over, 15,245 motorboats, and 163 other boats. Compared with 1975, this was an increase of 716 fishermen and 28 vessels, but a decline of 807 motorboats and 209 other boats.

Processed products. The value of processed products in the Chesapeake States was $226.6 million—an increase of $65.8 million over 1975. Products from Maryland plants were worth $128.4 million—57 percent of the area total. In Virginia, processed products were valued at $98.2 million. Maryland, Virginia, and the District of Columbia had 373 wholesaling and processing establishments, which employed an average of 7,736 persons per year.

Alewives. Landings of 4.4 million pounds valued at $163,000 declined 64 percent in quantity and 61 percent in value from 1975. The harvest was the smallest on record—continuing the downward trend that began in 1971. Declining stocks of fish, reduced market demand, and fewer processors caused the decline. Landings of alewives in Virginia were 4.2 million pounds—97 percent of the total Chesapeake landings.

Clams. Landings of surf clams were 21.2 million pounds of meats valued at $11.4 million—a decline of 52 percent in quantity, but an increase of 70 percent in value compared with 1975. The average exvessel price per pound of meats was 53.6 cents in 1976 compared with 15.1 cents in 1975. Landings in Virginia (14.1 million pounds) declined 64 percent, but landings in Maryland (7.1 million pounds) increased 33 percent compared with 1975. Virginia landings were 58 percent below the previous 5-year average of 33.7 million pounds. The Virginia clam beds that were so heavily dredged in 1975 became quite depleted during 1976. Maryland landings improved, because the fleet started operations off the Delmarva peninsula.

Hard clam landings were 929,000 pounds of meats valued at $902,000—down 20 percent in quantity and 16 percent in value from 1975. Virginia fishermen landed 96 percent of the total volume. Dealers had problems selling chowder-sized clams, which made up a large portion of the catch. The closing of the James River seriously affected the production from Virginia's hard clam areas. Of the Virginia landings, seaside bays off the Atlantic Ocean accounted for 36 percent; the James River, 28 percent; the Poquoson River, 21 percent; and the remainder were from the York River and various areas in the Chesapeake Bay. All of the Maryland production was from Chincoteague Bay.

Maryland had the entire production of 1.8 million pounds of meats valued at $2.8 million. Compared with 1975, this was an increase of 40 percent in volume and 134 percent in value. Exvessel prices averaged $18 to $25 per bushel compared with $12 per bushel in 1975. Pocomoke Sound produced 37 percent of the clams. In December of 1975 the discovery of an untapped bed of mostly large-sized clams in Pocomoke Sound brought a rush of boats to that area. In April, much of the soft clam areas in the Choptank River and Pocomoke Sound were closed, but some portions of the areas were reopened later in the year.

Crabs. Landings of hard blue crabs were 45.2 million pounds valued at a record $9.7 million—a decline of 24 percent in volume, but an increase of 4 percent in value compared with 1975. Landings were the lowest since 1959 and 31 percent below the previous 5-year average. Chesapeake Bay watermen and scientists blame the smaller landings on declining stands of eel grass which produce habitat and food for crabs. The exvessel price jumped when blue crabs failed to appear in large numbers in the Chesapeake Bay in July and August. Virginia crabbers caught 57 percent of the total with 25.8 million pounds landed. Crab pot fishermen accounted for 76 percent of the Virginia landings; dredges, 23 percent; and pound nets, 1 percent. Maryland crab pot fishermen took 66 percent of the 19.4 million pounds landed in that State. The rest were taken mostly by trot lines.

Landings of soft and peeler blue crabs were 2.2 million pounds valued at $1.6 million. This was a decline of 7 percent in quantity, but an increase of 30 percent in value. Maryland fishermen accounted for 1.5 million pounds or 66 percent of the total area landings. Scrapes accounted for 73 percent of the Maryland catch. About 47 percent of the 761,000 pounds landed in Virginia were taken by pound nets and 45 percent by crab pots.

Lobsters, American. Landings were 261,000 pounds valued at $517,000—increases of 74 percent in volume and 91 percent in value over 1975. Virginia fishermen took 99 percent of the total in offshore pots. In Maryland, 97 percent of the catch was taken in offshore pots.

Menhaden. In 1976, landings of 446.1 million pounds valued at $13.2 million increased 39 percent in volume and 67 percent in value over 1975. Menhaden accounted for 75 percent of the total Chesapeake States production of all fish and shellfish. Virginia landings of menhaden were 440.8 million pounds—an increase of 40 percent over 1975. Landings in Maryland were 5.4 million pounds, down 12 percent from 1975 and 22 percent below the average for 1971-75. Purse seiners made 91 percent of the Chesapeake menhaden landings; pound nets took the rest.

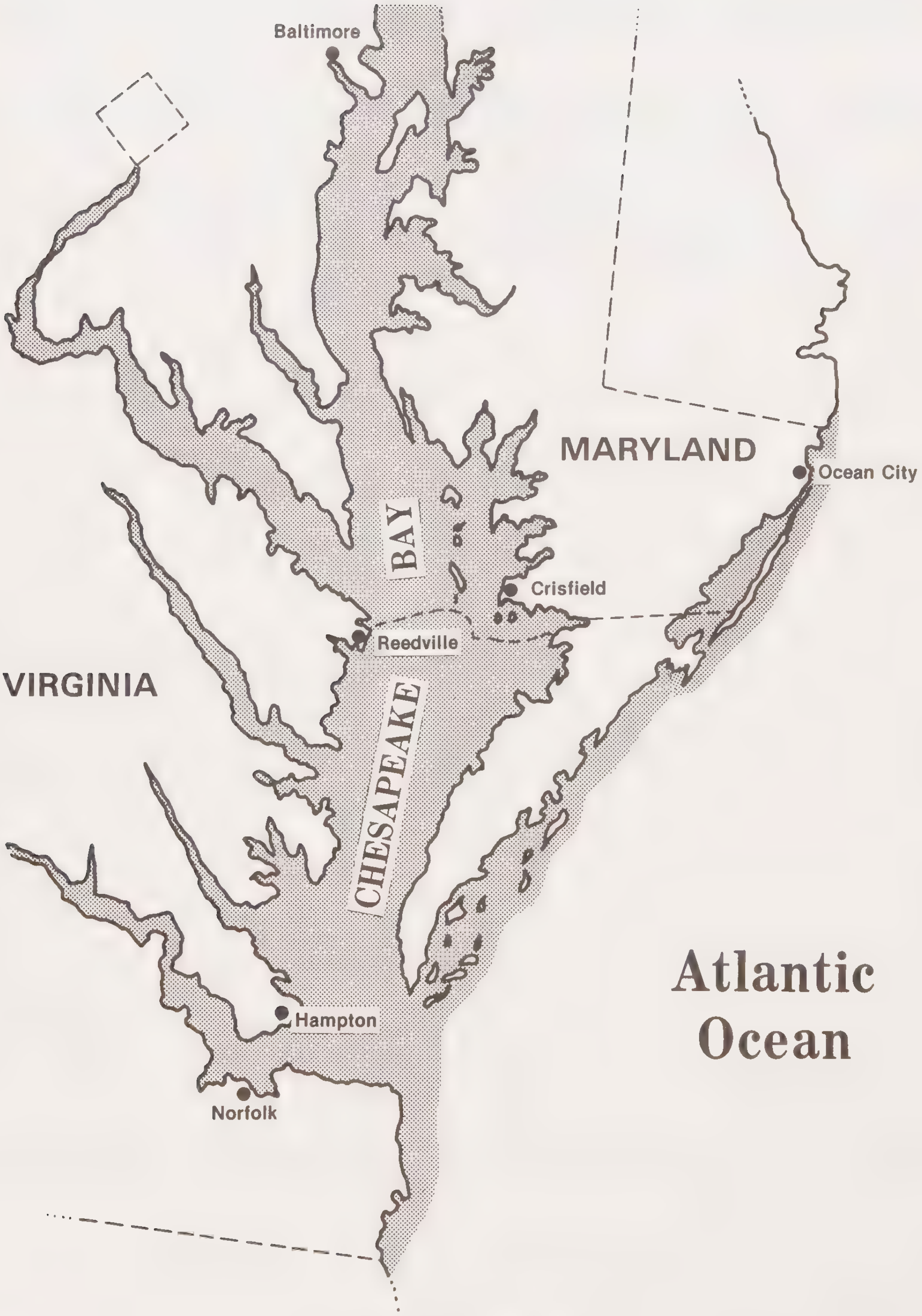
Other finfish. Croaker landings of 7.0 million pounds valued at $906,000 were up 30 percent in quantity and 60 percent in value over 1975. Landings were the highest since 1959 and 282 percent above the previous 5-year average of 1.8 million pounds. Virginia accounted for 85 percent of the croaker landings. Striped bass landings of 2.9 million pounds valued at $1.5 million declined 33 percent in volume and 14 percent in value compared with 1975. Landings were the lowest since 1957 and 49 percent below the 1971-75 average. Record landings of bluefish were 4.7 million pounds valued at a record $324,000. Compared with 1975, this was an increase of 31 percent in quantity and 19 percent in value. Bluefish landings have been increasing in the Chesapeake since 1972. Landings of gray sea trout were 4.4 million pounds valued at $670,000, a decline of 11 percent in quantity but an increase of 6 percent in value compared with 1975. Fluke flounder landings were 4.0 million pounds valued at $1.4 million in 1976—a decline of 7 percent in volume, but an increase of 14 percent in value compared with 1975. Shad landings of 1.0 million pounds was the lowest on record for the Chesapeake area.

Oysters. The Chesapeake States led in U.S. production with 21.0 million pounds of meats valued at a record $21.7 million. Compared with 1975 this was a decrease of 7 percent in volume, but an increase of 20 percent in value. Production was the lowest since 1963 when the Minchinia nelsoni organism caused extensive mortalities in the lower Chesapeake bay. Landings in Maryland of 14.9 million pounds was a decline of 9 percent from 1975. Poor weather (gale force winds, icy conditions) hampered this fishery late in the year. In Virginia, landings were 6.1 million pounds—a decrease of 2 percent compared with 1975. The Virginia seed oyster fishery harvested 652,132 bushels valued at $1.0 million—increases of 36 percent in volume and 16 percent in value compared with 1975. This occurred despite the winter ban on the taking of market and seed oysters in the James River, because of Kepone pollution.

Sea scallops. Landings were 2.9 million pounds of meats valued at $4.9 million—increases of 127 percent in volume and 109 percent in value over 1975. The average exvessel price was $1.69 per pound of meats—down 14 cents from 1975. Almost all the catch was made in Virginia. Dredge vessels made 51 percent of the total catch in the Chesapeake. The rest of the catch was landed by trawlers, which brought the scallops ashore in the shell for shucking in shoreside plants. Dredge vessels made 120 trips for an average of 12,300 pounds of meats per trip. Trawlers made 205 trips for an average of 6,700 pounds of meats per trip.

Other information. Condensed summary data on the operating units and landings by States appearing on the following pages have been published previously in Current Fishery Statistics No. 7702. Landings of fish and shellfish in the bay and ocean areas of Maryland and Virginia are shown at the end of this section. Additional data may be found in the monthly and annual landings bulletins for Maryland and Virginia published by the Resource Statistics Divsion in cooperation with the respective States.

Acknowledgments. The following organizations helped collect the data appearing in this section: Fisheries Administration, Maryland Department of Natural Resources; Virginia Marine Fisheries Commission; Virginia Institute of Marine Science; and Potomac River Fisheries Commission.


Baltimore
MARYLAND
Ocean City
BAY
Crisfield
Reedville
VIRGINIA
CHESAPEAKE
Atlantic
Ocean
Hampton
Norfolk

CHESAPEAKE STATES

CHESAPEAKE FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1976

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
MARYLAND.	13	2	45	28	58	31
VIRGINIA.	478	18	51	25	529	43
TOTAL	491	21	96	54	587	74

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING.

SUMMARY OF OPERATING UNITS, 1976

ITEM	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER		
FISHERMEN:			
ON VESSELS:			
FULL-TIME	1,614	2,588	4,165
PART-TIME	91	137	228
ON BOATS AND SHORE:			
FULL-TIME	2,886	1,829	4,715
PART-TIME	13,295	2,587	15,882
TOTAL	17,886	7,141	24,990
VESSELS:			
MOTOR	1,036	890	1,913
GROSS TONNAGE	11,476	31,312	42,041
SAIL.	26	-	26
GROSS TONNAGE	271	-	271
TOTAL VESSELS	1,062	890	1,939
TOTAL GROSS TONNAGE .	11,747	31,312	42,312
BOATS:			
MOTOR	11,376	3,869	15,245
OTHER	131	46	163
GEAR:			
HAUL SEINES, COMMON . . .	92	136	228
PURSE SEINES:			
MENHADEN.	-	28	28
TUNA.	2	2	4
OTTER TRAWLS:			
FISH.	15	79	91
SCALLOP	-	33	33
POUND NETS:			
FISH.	150	374	524
CRAB.	140	1,976	2,116
FYKE AND HOOP NETS:			
FISH.	1,562	135	1,697
TURTLE.	-	2	2
POTS AND TRAPS:			
CRAB:			
BLUE.	105,225	160,357	265,357
OTHER	125	-	125
EEL	11,135	2,230	13,365
FISH.	3,636	3,975	7,611
LOBSTER, OFFSHORE . . .	3,850	900	4,750
TURTLE	355	-	355
GILL NETS:			
ANCHOR, SET, OR STAKE .	1,936	1,911	3,847
DRIFT	279	2,253	2,532
LINES:			
HAND.	130	66	196
LONG OR SET WITH HOOKS.	-	322	322
TROT WITH BAITS	11,362	5	11,367
DIP NETS, COMMON.	143	-	143
SCRAPES	258	85	343
DREDGES:			
CLAM.	199	42	236
CRAB, BLUE	-	231	231
OYSTER, COMMON.	114	144	258
SCALLOP, SEA.	-	16	16
OTHER	13	-	13
TONGS:			
OYSTER.	5,046	1,554	6,600
OTHER	-	594	594
RAKES:			
OYSTER.	-	3	3
OTHER	15	13	28
PICKS	-	106	106

CHESAPEAKE FISHERIES

LANDINGS BY STATES, 1976

SPECIES	MARYLAND		VIRGINIA		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	126	5	4,238	158	4,364	163
ANGLERFISH	-	-	(1)	(1)	(1)	(1)
BLUEFISH	513	30	4,167	294	4,680	324
BUTTERFISH	21	6	125	30	146	36
CABIO	-	-	3	(1)	3	(1)
CARP	96	2	173	9	269	11
CATFISH AND BULLHEADS	247	31	1,208	252	1,455	283
COD	8	3	-	-	8	3
CRAPPIE	2	(1)	-	-	2	(1)
CROAKER	1,069	117	5,898	789	6,967	906
DRUM:						
BLACK	(1)	(1)	31	2	31	2
RED	-	-	19	2	19	2
EELS, COMMON	165	58	567	198	732	256
FLOUNDERS:						
BLACKBACK	(1)	(1)	1	(1)	1	(1)
DAB	-	-	1	(1)	1	(1)
FLUKE	697	236	3,303	1,158	4,000	1,394
GRAY SOLE	-	-	(1)	(1)	(1)	(1)
TOTAL FLOUNDERS	697	236	3,305	1,158	4,002	1,394
GIZZARD SHAD	48	1	33	1	81	2
HAKE, RED	4	(1)	(1)	(1)	4	(1)
HARVESTFISH	-	-	14	5	14	5
HERRING, SEA	6	(1)	(1)	(1)	6	(1)
HICKORY SHAD	4	1	3	1	7	2
HOGCHOKER	(1)	(1)	-	-	(1)	(1)
KING WHITING OR "KINGFISH"	(1)	(1)	10	1	10	1
MACKEREL:						
ATLANTIC	224	21	276	40	500	61
KING	-	-	10	4	10	4
SPANISH	(1)	(1)	80	13	80	13
MENHADEN	5,380	182	440,761	12,999	446,141	13,181
MULLET, BLACK (LISA)	2	(1)	73	6	75	6
POMPANO	-	-	4	2	4	2
SAND PERCH	-	-	(1)	(1)	(1)	(1)
SCUP OR PORGY	35	7	270	52	305	59
SEA BASS, BLACK	296	85	822	228	1,118	313
SEA TROUT OR WEAKFISH:	-					
GRAY	436	48	3,976	622	4,412	670
SPOTTED	-	-	39	10	39	10
SHAD	110	41	896	284	1,006	325
SHARKS:						
GRAYFISH	7	1	38	2	45	3
UNCLASSIFIED	73	4	3	(1)	76	4
SPADEFISH	-	-	(1)	(1)	(1)	(1)
SPOT	16	3	1,192	224	1,208	227
STRIPED BASS	1,897	1,049	954	487	2,851	1,536
STURGEON, COMMON	2	1	3	1	5	2
SUCKERS	(1)	(1)	-	-	(1)	(1)
SUNFISH	2	(1)	-	-	2	(1)
SWELLFISH	-	-	2	(1)	2	(1)
SWORDFISH	-	-	25	34	25	34
TAUTOG	(1)	(1)	1	(1)	1	(1)
TUNA:						
BLUEFIN	1,098	318	29	8	1,127	326
UNCLASSIFIED	-	-	2	1	2	1
TOTAL TUNA	1,098	318	31	9	1,129	327
WHITE PERCH	440	115	170	41	610	156
WHITING	6	1	5	1	11	2
YELLOW PERCH	23	5	1	(1)	24	5
UNCLASSIFIED:						
FOR FOOD	6	1	40	3	46	4
FOR BAIT, REDUCTION, AND ANIMAL FOOD	2	(1)	8,394	194	8,396	194
TOTAL FISH	13,061	2,372	477,860	18,156	490,921	20,528
SHELLFISH ET AL.						
CRABS:						
BLUE:						
HARD	19,430	4,586	25,761	5,097	45,191	9,683
SOFT AND PEELER	1,474	1,075	761	551	2,235	1,626
JONAH	25	5	1	1	26	6
RED	24	12	7	3	31	15
TOTAL CRABS	20,953	5,678	26,530	5,652	47,483	11,330
HORSESHOE CRABS	23	1	2	(1)	25	1
LOBSTERS, AMERICAN	117	230	144	287	261	517

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	MARYLAND		VIRGINIA		TOTAL	
SHELLFISH ET AL. - CONTD.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CLAMS:						
HARD, PUBLIC.	36	34	893	868	929	902
OCEAN QUAHOG.	1	(1)	-	-	1	(1)
SOFT, PUBLIC.	1,751	2,750	-	-	1,751	2,750
SURF.	7,135	3,830	14,064	7,545	21,199	11,375
TOTAL CLAMS	8,923	6,614	14,957	8,413	23,880	15,027
CONCHS.	47	12	314	88	361	100
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	5,644	5,176	1,011	934	6,655	6,110
FALL.	8,536	9,680	1,738	1,695	10,274	11,375
PRIVATE:						
SPRING.	525	686	1,904	1,870	2,429	2,556
FALL.	175	329	1,431	1,378	1,606	1,707
TOTAL OYSTERS	14,880	15,871	6,084	5,877	20,964	21,748
SCALLOPS, SEA	2	4	2,876	4,861	2,878	4,865
SQUID	39	11	113	13	152	24
TERRAPIN.	1	1	4	4	5	5
TURTLES, SNAPPER.	48	14	12	4	60	18
TOTAL SHELLFISH ET AL. .	45,033	28,436	51,036	25,199	96,069	53,635
GRAND TOTAL.	58,094	30,808	528,896	43,355	586,990	74,163

1/ LESS THAN 500 POUNDS OR $500. NOTE:--LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR MOLLUSKS. CLAMS, CONCHS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

LANDINGS OF CERTAIN SHELLFISH, 1976

SPECIES	MARYLAND		VIRGINIA		TOTAL	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:						
HARD, PUBLIC.	4,525	34,438	111,663	868,191	116,188	902,629
OCEAN QUAHOG.	90	312	-	-	90	312
SOFT, PUBLIC.	145,917	2,749,456	-	-	145,917	2,749,456
SURF.	419,694	3,829,433	827,303	7,544,569	1,246,997	11,374,002
CONCHS.	2,355	11,749	15,725	87,527	18,080	99,276
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	1,085,327	5,175,951	220,261	933,539	1,305,588	6,109,490
FALL.	1,775,700	9,680,050	365,042	1,695,154	2,140,742	11,375,204
PRIVATE:						
SPRING.	94,577	685,792	394,265	1,870,262	488,842	2,556,054
FALL.	30,400	328,602	309,006	1,378,265	339,406	1,706,867
SCALLOPS, SEA	300	3,740	479,317	4,861,133	479,617	4,864,873

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN SHELLFISH, 1976

SPECIES	MARYLAND	VIRGINIA
	POUNDS OF MEAT PER U.S. STANDARD BUSHEL	
CLAMS:		
HARD, PUBLIC.	8.00	8.00
OCEAN QUAHOG.	10.00	-
SOFT, PUBLIC.	12.00	-
SURF.	17.00	17.00
CONCHS.	20.00	20.00
OYSTERS, MARKET:		
PUBLIC:		
SPRING.	5.20	4.59
FALL.	4.81	4.76
PRIVATE:		
SPRING.	5.55	4.83
FALL.	5.77	4.63
SCALLOPS, SEA	6.00	6.00

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

SUMMARY OF PROCESSED PRODUCTS, 1976

Item	Unit	Quantity	Dollars
		Thousands	Thousands
Fresh	Pounds	57,735	93,058
Frozen	do	77,468	81,631
Canned	Standard cases	852	27,808
Cured	Pounds	–	(1)
Industrial	–	–	24,279
Total	–	–	226,602

(1) Included with industrial.

VALUE OF PROCESSED PRODUCTS, BY STATES, 1976

State	Thousand dollars
Maryland	128,411
Virginia	98,191
Total	226,602

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1976

State	Processing			Wholesale			Total		
		Employment average			Employment average			Employment average	
	Plants	Season	Year	Plants	Season	Year	Plants	Season	Year
	Number	Number	Number	Number	Number	Number	Number	Number	Number
Maryland	95	3,785	2,901	79	378	305	174	4,163	3,206
District of Columbia	–	–	–	6	83	83	6	83	83
Virginia	132	5,558	4,128	61	380	319	193	5,938	4,447
Total	227	9,343	7,029	146	841	707	373	10,184	7,736

Note:--Employment is reported by each plant for each month for the payroll period that includes the 12th of the month. Employment for the season is based on the greatest number of employees working during the payroll period that included the 12th of each month. Employment for the year is obtained by adding the number of employees recorded as working during the payroll period that included the 12th of each month, and dividing by 12.

PROCESSED FISHERY PRODUCTS, 1976

Item	Unit	Maryland		Virginia	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Flounders, fresh and frozen, fillets	Pounds	—	—	1,841	1,949
Crabs:					
Fresh and frozen:					
Cooked meat	do	2,070	8,131	2,737	11,257
Breaded raw burgers, cakes, deviled, and cooked soups	do	388	852	177	319
Meal and scrap	Tons	2	227	3	267
Clams, fresh and frozen:					
Shucked:					
Hard	Gallons	—	—	12	90
Soft	do	116	2,419	—	—
Surf	do	747	7,360	2,420	24,419
Breaded, raw and cooked strips, cakes and strips	Pounds	7,294	12,961	(1)	(1)
Oysters, fresh and frozen:					
Shucked	Gallons	701	10,281	1,845	27,244
Breaded raw	Pounds	131	293	335	845
Scallops, sea, fresh and frozen:					
Shucked	do	—	—	1,405	2,603
Breaded, raw and cooked	do	56	124	(1)	(1)
Unclassified:					
Fresh and frozen	do	(2) 64,958	(2) 58,760	(3) 3,618	(3) 6,289
Canned	Standard cases	(4) 759	(4) 27,003	(5) 94	(5) 805
Cured	Pounds	—	—	(3)	(3)
Industrial	—	(2)	(2)	(6)	(6) 22,104
Total	—	—	128,411	—	98,191

(1) Included with unclassified. (2) Includes flounders, breaded raw stuffed; shrimp, breaded raw; conchs steamed; bay scallops breaded raw; fish sticks breaded, raw and cooked; fish portions, breaded, raw and cooked, and unbreaded; fish cakes breaded, raw and cooked; Fish and chips, breaded cooked; and the values of oyster shell grit and mussel shell buttons.. (3) Includes fillets of bluefish, sea trout, and striped bass; catfish, dressed and skinned; flounders, breaded raw, fillets and stuffed; trout unclassified, pond raised, dressed and skinned; shrimp, and sea scallop, breaded raw; hard clam, clam cakes, breaded raw; conchs and oysters, steamed; unclassified breaded raw dinners; and salted alewives. (4) Includes, canned albacore and lightmeat tuna; pet food; surf clams minced and juice: and soft clams in the shell. (5) Includes canned alewives, natural and roe; and unclassified pet food. (6) Includes the value of menhaden, meal, oil and solubles; oyster shell lime; unclassified meal, oil, and solubles; and ground fish for animal food.

Note:--Some of the products may have been processed from raw products imported from another State or a foreign country; therefore, they cannot be correlated directly with landings within the State. Certain items are shown in an intermediate and also a more advanced stage of processing.

MARYLAND
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	PURSE SEINES, TUNA	OTTER TRAWLS, FISH	POUND NETS		FYKE AND HOOP NETS, FISH
				FISH	CRAB	
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	141	12	49	109	3	25
PART-TIME	15	-	-	14	-	5
ON BOATS AND SHORE:						
FULL-TIME	80	-	-	127	14	42
PART-TIME	133	-	-	72	10	155
TOTAL	369	12	49	322	27	227
VESSELS, MOTOR	36	2	15	26	3	24
GROSS TONNAGE	329	297	1,016	299	23	242
BOATS:						
MOTOR	76	2	-	61	24	188
OTHER	67	-	-	62	-	-
GEAR	92	2	15	150	140	1,562

ITEM	POTS AND TRAPS					
	CRAB		EEL	FISH	LOBSTER, OFFSHORE	TURTLE
	BLUE	OTHER				
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	328	2	5	15	13	-
PART-TIME	-	-	-	2	-	-
ON BOATS AND SHORE:						
FULL-TIME	438	-	171	34	-	18
PART-TIME	666	-	97	101	-	15
TOTAL	1,432	2	273	152	13	33
VESSELS, MOTOR	278	1	5	14	6	-
GROSS TONNAGE	2,441	20	39	166	179	-
BOATS, MOTOR	1,048	-	260	132	-	32
GEAR	105,225	125	11,135	3,636	3,850	355

ITEM	GILL NETS		LINES		DIP NETS, COMMON
	ANCHOR, SET, OR STAKE	DRIFT	HAND	TROT WITH BAITS	
	NUMBER				
FISHERMEN:					
ON VESSELS:					
FULL-TIME	284	92	3	378	-
PART-TIME	62	22	3	5	-
ON BOATS AND SHORE:					
FULL-TIME	549	64	12	1,271	10
PART-TIME	1,230	219	108	9,720	133
TOTAL	2,125	397	126	11,374	143
VESSELS, MOTOR	210	67	6	357	-
GROSS TONNAGE	2,066	688	92	2,861	-
BOATS:					
MOTOR	1,136	209	118	8,319	5
OTHER	14	-	-	35	108
GEAR	1,936	279	130	11,362	143

ITEM	SCRAPES	DREDGES			TONGS, OYSTER	RAKES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
		CLAM	OYSTER, COMMON	OTHER				
	NUMBER							
FISHERMEN:								
ON VESSELS:								
FULL-TIME	-	313	176	2	831	-	-	1,614
PART-TIME	-	-	-	-	5	-	-	91
ON BOATS AND SHORE:								
FULL-TIME	197	120	58	8	2,462	1	-	2,886
PART-TIME	61	-	40	4	1,757	14	2	13,295
TOTAL	258	433	274	14	5,055	15	2	17,886
VESSELS:								
MOTOR	-	139	14	1	754	-	-	1,036
GROSS TONNAGE	-	2,581	109	12	6,477	-	-	11,476
SAIL	-	-	26	-	-	-	-	26
GROSS TONNAGE	-	-	271	-	-	-	-	271
BOATS:								
MOTOR	258	60	48	12	3,161	14	1	11,376
OTHER	-	-	-	-	-	-	-	131
GEAR	258	199	114	13	5,046	15	-	-

MARYLAND - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, TUNA		OTTER TRAWLS, FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	2,600	102	-	-	-	-
BLUEFISH	900	57	-	-	57,500	5,645
BUTTERFISH	-	-	-	-	20,400	5,488
CARP	44,100	1,174	-	-	-	-
CATFISH AND BULLHEADS	13,900	1,667	-	-	-	-
COD	-	-	-	-	8,500	2,874
CROAKER	31,000	4,645	-	-	1,020,500	109,849
DRUM, BLACK	-	-	-	-	100	8
FLOUNDERS:						
BLACKBACK	-	-	-	-	300	50
FLUKE	-	-	-	-	687,300	233,886
GIZZARD SHAD	10,100	131	-	-	-	-
HAKE, RED	-	-	-	-	1,600	48
HERRING, SEA	-	-	-	-	5,200	105
HICKORY SHAD	400	82	-	-	-	-
KING WHITING OR "KINGFISH"	-	-	-	-	400	87
MACKEREL:						
ATLANTIC	-	-	-	-	223,600	20,741
SPANISH	-	-	-	-	400	88
MENHADEN	19,200	747	-	-	-	-
SCUP OR PORGY	-	-	-	-	34,600	6,982
SEA BASS, BLACK	-	-	-	-	61,600	15,344
SEA TROUT OR WEAKFISH, GRAY	600	106	-	-	384,200	37,968
SHARKS:						
GRAYFISH	-	-	-	-	6,500	750
UNCLASSIFIED	-	-	-	-	73,100	3,655
SPOT	7,900	1,558	-	-	4,800	678
STRIPED BASS	15,000	7,673	-	-	28,000	26,792
STURGEON, COMMON	-	-	-	-	2,100	512
TAUTOG	-	-	-	-	200	10
TUNA, BLUEFIN	-	-	1,097,800	318,357	-	-
WHITE PERCH	8,000	1,998	-	-	-	-
WHITING	-	-	-	-	5,400	824
UNCLASSIFIED, FOR FOOD	100	10	-	-	2,700	497
HORSESHOE CRAB	-	-	-	-	9,400	402
LOBSTERS, AMERICAN	-	-	-	-	100	179
CONCHS	-	-	-	-	26,900	6,604
SCALLOPS, SEA	-	-	-	-	1,800	3,740
SQUID	-	-	-	-	39,300	11,364
TOTAL	153,800	19,950	1,097,800	318,357	2,706,500	495,170

SPECIES	POUND NETS				FYKE AND HOOP NETS, FISH	
	FISH		CRAB			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	104,000	4,544	-	-	500	20
BLUEFISH	305,000	17,114	-	-	100	8
CARP	1,800	40	-	-	5,800	137
CATFISH AND BULLHEADS	15,400	1,812	-	-	60,000	7,336
CRAPPIE	-	-	-	-	1,400	352
CROAKER	9,500	1,376	-	-	-	-
DRUM, BLACK	300	28	-	-	-	-
EELS, COMMON	600	199	-	-	-	-
FLOUNDERS, FLUKE	8,300	2,651	-	-	-	-
GIZZARD SHAD	10,100	109	-	-	900	10
HICKORY SHAD	-	-	-	-	100	21
HOGCHOKER	100	2	-	-	-	-
MENHADEN	5,174,500	176,793	-	-	2,900	88
MULLET, BLACK (LISA)	-	-	-	-	200	29
SEA TROUT OR WEAKFISH, GRAY	22,700	4,234	-	-	-	-
SHAD	4,000	989	-	-	200	80
SPOT	2,300	451	-	-	-	-
STRIPED BASS	10,800	6,221	-	-	1,000	524
SUCKERS	200	16	-	-	-	-
SUNFISH	-	-	-	-	1,900	189
WHITE PERCH	48,900	11,038	-	-	82,800	19,043
YELLOW PERCH	1,300	262	-	-	19,600	4,289
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	700	79
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	200	3
CRABS, BLUE:						
HARD	-	-	7,000	1,610	-	-
SOFT AND PEELER	-	-	175,000	126,000	-	-
TERRAPIN	-	-	-	-	100	72
TOTAL	5,719,800	227,879	182,000	127,610	178,400	32,280

(CONTINUED ON NEXT PAGE)

MARYLAND - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POTS AND TRAPS					
	CRAB				EEL	
	BLUE		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS, COMMON.	-	-	-	-	128,900	45,122
CRABS:						
BLUE:						
HARD.	12,918,400	3,072,489	-	-	-	-
SOFT AND PEELER	156,600	126,552	-	-	-	-
RED	-	-	23,000	11,700	-	-
JONAH	-	-	2,800	923	-	-
TOTAL	13,075,000	3,199,041	25,800	12,623	128,900	45,122

SPECIES	POTS AND TRAPS - CONTINUED					
	FISH		LOBSTER, OFFSHORE		TURTLE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH.	100	8	-	-	-	-
CARP.	1,300	41	-	-	-	-
CATFISH AND BULLHEADS . . .	101,800	13,466	-	-	-	-
CRAPPIE	100	19	-	-	-	-
EELS, COMMON.	34,400	12,046	-	-	-	-
HAKE, RED	2,700	82	-	-	-	-
HICKORY SHAD.	100	24	-	-	-	-
MENHADEN.	100	2	-	-	-	-
SCUP OR PORGY	200	8	-	-	-	-
SEA BASS, BLACK	234,800	69,432	-	-	-	-
SUNFISH	200	20	-	-	-	-
WHITE PERCH	5,100	1,245	-	-	-	-
YELLOW PERCH.	900	223	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	100	2	-	-	-	-
CRABS:						
RED	-	-	600	298	-	-
JONAH	-	-	22,000	3,776	-	-
LOBSTERS, AMERICAN.	2,300	4,584	114,400	225,632	-	-
TURTLES, SNAPPER.	-	-	-	-	47,700	14,013
TOTAL	384,200	101,202	137,000	229,706	47,700	14,013

SPECIES	GILL NETS				LINES	
	ANCHOR, SET, OR STAKE		DRIFT		HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	15,800	549	2,600	88	-	-
BLUEFISH.	128,400	5,699	3,100	196	18,200	1,261
BUTTERFISH.	200	61	-	-	-	-
CARP.	36,100	869	7,200	198	-	-
CATFISH AND BULLHEADS . . .	49,100	5,772	6,800	822	-	-
CROAKER	4,700	871	1,900	330	1,500	246
EELS, COMMON.	800	279	400	140	-	-
FLOUNDERS, FLUKE.	600	177	100	19	200	70
GIZZARD SHAD.	26,800	299	500	5	-	-
HAKE, RED	100	4	-	-	-	-
HERRING, SEA.	1,200	25	-	-	-	-
HICKORY SHAD.	3,100	693	-	-	-	-
MENHADEN.	176,500	4,524	6,500	172	-	-
MULLET, BLACK (LISA). . . .	1,300	202	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	23,200	4,369	3,400	708	2,100	398
SHAD.	98,800	38,006	6,500	2,011	-	-
SHARKS:						
GRAYFISH.	400	45	-	-	-	-
UNCLASSIFIED.	100	7	-	-	-	-
SPOT.	1,400	273	-	-	-	-
STRIPED BASS.	1,347,900	715,632	475,300	278,511	19,100	14,219
SUNFISH	100	10	-	-	-	-
TUNA, BLUEFIN	-	-	-	-	200	54
WHITE PERCH	247,600	68,471	45,600	12,874	1,600	411
WHITING	300	50	-	-	-	-
YELLOW PERCH.	1,000	230	-	-	-	-
UNCLASSIFIED:						
FOR FOOD.	400	40	1,800	186	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD.	1,300	28	600	12	-	-
TOTAL	2,167,200	847,185	562,300	296,272	42,900	16,659

(CONTINUED ON NEXT PAGE)

MARYLAND - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		SCRAPES	
	TROT WITH BAITS					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE:						
HARD	6,424,700	1,493,724	10,900	2,534	68,500	15,815
SOFT AND PEELER	52,100	37,960	16,500	11,880	1,073,500	772,870
TOTAL	6,476,800	1,531,684	27,400	14,414	1,142,000	788,685

SPECIES	DREDGES					
	CLAM		OYSTER, COMMON		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HORSESHOE CRABS	12,700	545	-	-	-	-
CLAMS:						
HARD, PUBLIC	33,200	30,878	-	-	-	-
OCEAN QUAHOG	900	312	-	-	-	-
SOFT, PUBLIC	1,750,800	2,749,456	-	-	-	-
SURF	7,134,800	3,829,433	-	-	-	-
CONCHS	20,200	5,145	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	579,900	588,373	-	-
FALL	-	-	542,800	680,375	-	-
PRIVATE:						
SPRING	-	-	407,200	555,201	-	-
FALL	-	-	159,000	310,475	-	-
TERRAPIN	-	-	-	-	1,100	719
TURTLES, SNAPPER	-	-	-	-	400	123
TOTAL	8,952,600	6,615,769	1,688,900	2,134,424	1,500	842

SPECIES	TONGS, OYSTER		RAKES		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HORSESHOE CRABS	-	-	-	-	800	34
CLAMS, HARD, PUBLIC	-	-	3,000	3,560	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	5,063,800	4,587,578	-	-	-	-
FALL	7,993,500	8,999,675	-	-	-	-
PRIVATE:						
SPRING	117,700	130,591	-	-	-	-
FALL	16,400	18,127	-	-	-	-
TOTAL	13,191,400	13,735,971	3,000	3,560	800	34

VIRGINIA

OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS		POUND NETS	
		MENHADEN	TUNA	FISH	SCALLOP	FISH	CRAB
	NUMBER						
FISHERMEN:							
ON VESSELS:							
FULL-TIME	-	455	-	339	150	174	-
PART-TIME	-	-	-	-	-	13	-
ON BOATS AND SHORE:							
FULL-TIME	358	-	-	-	-	198	162
PART-TIME	8	-	14	-	-	-	138
TOTAL	366	455	14	339	150	385	300
VESSELS, MOTOR	-	28	-	79	33	61	-
GROSS TONNAGE	-	11,962	-	6,173	3,084	745	-
BOATS:							
MOTOR	151	45	2	-	-	109	298
OTHER	-	-	-	-	-	35	2
GEAR	136	28	2	79	33	374	1,976

(CONTINUED ON NEXT PAGE)

VIRGINIA - OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	FYKE AND HOOP NETS		POTS AND TRAPS			
	FISH	TURTLE	CRAB, BLUE	EEL	FISH	LOBSTER, OFFSHORE
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	2	-	485	12	17	3
PART-TIME	-	-	-	3	9	-
ON BOATS AND SHORE:						
FULL-TIME	24	-	1,072	66	88	-
PART-TIME	8	1	484	20	11	-
TOTAL	34	1	2,041	101	125	3
VESSELS, MOTOR	2	-	334	12	21	1
GROSS TONNAGE	13	-	2,801	80	180	81
BOATS, MOTOR	32	1	1,247	86	99	-
GEAR	135	2	160,357	2,230	3,975	900

ITEM	GILL NETS		LINES			SCRAPES
	ANCHOR, SET, OR STAKE	DRIFT	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS	
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	50	157	-	7	1	8
PART-TIME	20	88	-	2	1	2
ON BOATS AND SHORE:						
FULL-TIME	357	447	-	39	3	46
PART-TIME	743	861	54	25	-	28
TOTAL	1,170	1,553	54	73	5	84
VESSELS, MOTOR	42	167	-	4	2	10
GROSS TONNAGE	343	1,627	-	144	18	94
BOATS:						
MOTOR	1,102	1,315	36	64	3	74
OTHER	5	6	-	-	-	-
GEAR	1,911	2,253	66	322	5	85

ITEM	DREDGES				TONGS	
	CLAM	CRAB, BLUE	OYSTER, COMMON	SCALLOP, SEA	OYSTER	OTHER
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	152	344	135	84	758	100
PART-TIME	-	-	4	-	2	-
ON BOATS AND SHORE:						
FULL-TIME	2	8	114	-	649	358
PART-TIME	-	-	30	-	147	135
TOTAL	154	352	283	84	1,556	693
VESSELS, MOTOR	36	115	69	8	324	70
GROSS TONNAGE	4,632	1,802	644	957	2,625	605
BOATS, MOTOR	1	4	75	-	341	230
GEAR	42	231	144	16	1,554	594

ITEM	RAKES		PICKS	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER		OYSTER	OTHER	
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	-	-	-	-	-	2,588
PART-TIME	-	-	-	-	-	137
ON BOATS AND SHORE:						
FULL-TIME	-	12	65	16	25	1,829
PART-TIME	3	1	41	9	30	2,587
TOTAL	3	13	106	25	55	7,141
VESSELS, MOTOR	-	-	-	-	-	890
GROSS TONNAGE	-	-	-	-	-	31,312
BOATS:						
MOTOR	-	13	-	-	-	3,869
OTHER	-	-	-	-	-	46
GEAR	3	13	106	-	-	-

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
			MENHADEN		TUNA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	100	2	-	-	-	-
BLUEFISH	211,200	16,160	-	-	-	-
BUTTERFISH	2,400	583	-	-	-	-
CARP	144,700	7,883	-	-	-	-
CATFISH AND BULLHEADS	125,800	22,123	-	-	-	-
CROAKER	625,800	84,680	-	-	-	-
DRUM:						
BLACK	900	47	-	-	-	-
RED	6,700	452	-	-	-	-
FLOUNDERS, FLUKE	7,700	2,384	-	-	-	-
KING WHITING OR "KINGFISH"	2,600	346	-	-	-	-
MACKEREL, SPANISH	100	11	-	-	-	-
MENHADEN	500	15	408,092,400	12,242,769	-	-
MULLET, BLACK (LISA)	36,500	3,027	-	-	-	-
SCUP OR PORGY	400	32	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	131,600	20,264	-	-	-	-
SPOTTED	18,900	4,793	-	-	-	-
SHAD	900	186	-	-	-	-
SHARKS, GRAYFISH	3,400	121	-	-	-	-
SPOT	180,100	31,044	-	-	-	-
STRIPED BASS	45,800	21,981	-	-	-	-
TUNA, BLUEFIN	-	-	-	-	29,100	8,439
WHITE PERCH	4,300	942	-	-	-	-
YELLOW PERCH	1,100	222	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	600	63	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	31,400	646	-	-	-	-
TOTAL	1,583,500	218,007	408,092,400	12,242,769	29,100	8,439

SPECIES	OTTER TRAWLS				POUND NETS	
	FISH		SCALLOP		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	-	-	4,222,400	157,240
ANGLERFISH	200	54	-	-	-	-
BLUEFISH	28,100	1,716	-	-	3,136,300	233,701
BUTTERFISH	13,900	3,366	-	-	101,000	24,360
CABIO	-	-	-	-	2,900	450
CARP	-	-	-	-	9,200	512
CATFISH AND BULLHEADS	-	-	-	-	118,600	19,500
CROAKER	926,300	102,948	-	-	2,781,200	383,823
DRUM:						
BLACK	26,800	1,603	-	-	3,100	138
RED	1,100	107	-	-	4,300	410
EELS, COMMON	-	-	-	-	42,500	16,950
FLOUNDERS:						
BLACKBACK	1,100	334	100	26	100	21
DAB	700	34	-	-	-	-
FLUKE	2,880,800	1,016,959	70,600	22,009	286,100	98,902
GRAY SOLE	100	10	-	-	-	-
GIZZARD SHAD	-	-	-	-	1,900	19
HAKE, RED	200	9	-	-	-	-
HARVESTFISH	-	-	-	-	13,900	5,459
HERRING, SEA	-	-	-	-	100	5
HICKORY SHAD	-	-	-	-	900	261
KING WHITING OR "KINGFISH"	7,400	778	100	6	200	20
MACKEREL:						
ATLANTIC	190,100	26,265	-	-	-	-
KING	-	-	-	-	9,000	3,384
SPANISH	100	15	-	-	74,400	12,058
MENHADEN	-	-	-	-	32,652,900	755,639
MULLET, BLACK (LISA)	-	-	-	-	21,700	2,005
POMPANO	-	-	-	-	4,000	2,020
SAND PERCH	-	-	-	-	400	26
SCUP OR PORGY	265,600	51,408	1,400	212	1,900	179
SEA BASS, BLACK	726,100	193,902	13,100	3,208	300	30
SEA TROUT OR WEAKFISH:						
GRAY	288,100	32,771	200	11	2,795,300	439,910
SPOTTED	400	88	-	-	3,000	805
SHAD	-	-	-	-	270,900	73,174
SHARKS:						
GRAYFISH	15,900	756	100	11	2,400	80
UNCLASSIFIED	100	9	-	-	-	-

(CONTINUED ON NEXT PAGE)

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	OTTER TRAWLS				POUND NETS	
	FISH		SCALLOP		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SPADEFISH	-	-	-	-	400	20
SPOT	43,900	6,059	-	-	409,100	68,967
STRIPED BASS	20,300	15,668	-	-	124,100	58,825
STURGEON, COMMON	2,900	500	-	-	-	-
SWELLFISH	1,200	236	-	-	500	65
TAUTOG	-	-	-	-	500	25
WHITE PERCH	-	-	-	-	62,200	14,407
WHITING	5,000	364	800	72	-	-
UNCLASSIFIED:						
FOR FOOD	25,700	1,420	-	-	11,200	1,578
FOR BAIT, REDUCTION, AND ANIMAL FOOD	600	12	-	-	8,191,100	190,952
HORSESHOE CRABS	800	102	1,400	141	-	-
LOBSTERS, AMERICAN	-	-	1,200	2,437	-	-
CONCHS	4,100	1,057	600	295	-	-
SCALLOPS, SEA	29,100	59,335	1,372,100	2,088,341	-	-
SQUID	109,300	12,219	2,700	409	-	-
TOTAL	5,616,000	1,530,104	1,464,400	2,117,178	55,360,000	2,565,920

SPECIES	POUND NETS - CONTINUED		FYKE AND HOOP NETS			
	CRAB		FISH		TURTLE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP	-	-	900	48	-	-
CATFISH AND BULLHEADS	-	-	37,000	8,281	-	-
EELS, COMMON	-	-	100	24	-	-
STRIPED BASS	-	-	2,800	1,018	-	-
WHITE PERCH	-	-	1,700	417	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	4,100	41	-	-
CRABS, BLUE:						
HARD	500	132	-	-	-	-
SOFT AND PEELER	361,400	249,152	-	-	-	-
TERRAPIN	-	-	-	-	3,900	3,714
TOTAL	361,900	249,284	46,600	9,829	3,900	3,714

SPECIES	POTS AND TRAPS					
	CRAB, BLUE		EEL		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP	-	-	-	-	800	62
CATFISH AND BULLHEADS	-	-	600	92	656,400	141,833
CROAKER	6,000	676	-	-	100	16
EELS, COMMON	-	-	522,900	179,994	200	60
SEA BASS, BLACK	-	-	-	-	64,200	23,835
STRIPED BASS	-	-	-	-	9,000	3,832
WHITE PERCH	-	-	-	-	2,200	484
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	600	12
CRABS, BLUE:						
HARD	19,669,600	3,830,512	-	-	-	-
SOFT AND PEELER	345,000	268,109	-	-	-	-
CONCHS	1,500	457	-	-	-	-
TOTAL	20,022,100	4,099,754	523,500	180,086	733,500	170,134

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	LOBSTER, OFFSHORE		ANCHOR, SET, OR STAKE		DRIFT	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	14,900	817	200	17
BLUEFISH	-	-	684,500	32,284	105,400	10,090
BUTTERFISH	-	-	3,100	676	4,800	1,281
CARP	-	-	13,600	726	3,400	188
CATFISH AND BULLHEADS	-	-	57,200	9,503	-	-
CROAKER	-	-	588,500	87,643	957,200	127,885
DRUM:						
BLACK	-	-	-	-	200	6
RED	-	-	1,000	101	5,500	469
EELS, COMMON	-	-	1,300	388	-	-
FLOUNDERS, FLUKE	-	-	2,200	649	1,000	446
GIZZARD SHAD	-	-	20,700	318	10,100	101
HERRING, SEA	-	-	-	-	100	5

(CONTINUED ON NEXT PAGE)

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	LOBSTER, OFFSHORE		ANCHOR, SET, OR STAKE		DRIFT	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HICKORY SHAD	-	-	2,400	732	100	26
MACKEREL:						
ATLANTIC	-	-	58,800	8,970	27,300	4,800
KING	-	-	400	88	400	242
SPANISH	-	-	-	-	5,000	1,267
MENHADEN	-	-	14,900	352	-	-
MULLET, BLACK (LISA)	-	-	1,200	129	13,100	961
SCUP OR PORGY	-	-	600	50	-	-
SEA BASS, BLACK	-	-	100	24	-	-
SEA TROUT OR WEAKFISH:						
GRAY	-	-	257,800	47,032	494,200	80,712
SPOTTED	-	-	3,800	1,074	12,900	3,213
SHAD	-	-	545,500	196,	78,300	14,053
SHARKS, GRAYFISH	-	-	6,100	278	10,100	617
SPOT	-	-	400,500	82,547	152,500	33,878
STRIPED BASS	-	-	659,500	325,439	90,400	58,671
TAUTOG	-	-	200	13	300	58
WHITE PERCH	-	-	98,300	24,675	1,300	297
WHITING	-	-	100	17	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	1,900	255	700	147
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	154,100	2,308	10,500	237
CRABS:						
RED	6,400	3,430	-	-	-	-
JONAH	1,400	572	-	-	-	-
LOBSTERS, AMERICAN	142,800	284,620	-	-	-	-
TOTAL	150,600	288,622	3,593,200	823,687	1,985,000	339,667

SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	1,600	155	-	-	-	-
BUTTERFISH	100	21	-	-	-	-
CATFISH AND BULLHEADS	2,800	530	99,900	23,275	109,400	26,659
CROAKER	12,500	1,608	-	-	-	-
MACKEREL, ATLANTIC	300	65	-	-	-	-
MULLET, BLACK (LISA)	100	9	-	-	-	-
SEA BASS, BLACK	17,900	7,288	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	8,600	1,257	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	2,500	298	-	-
SPOT	6,300	1,119	-	-	-	-
STRIPED BASS	1,900	1,013	-	-	-	-
SWORDFISH	-	-	24,900	34,001	-	-
TUNA, UNCLASSIFIED	600	213	1,100	568	-	-
WHITE PERCH	400	111	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	100	5	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	1,400	35	-	-	-	-
TURTLES, SNAPPER	12,100	3,931	-	-	-	-
TOTAL	66,700	17,360	128,400	58,142	109,400	26,659

SPECIES	SCRAPES		DREDGES			
			CLAM		CRAB, BLUE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE:						
HARD	-	-	-	-	6,091,000	1,266,024
SOFT AND PEELER	54,500	33,453	-	-	-	-
CLAMS:						
HARD, PUBLIC	-	-	63,700	65,823	-	-
SURF	-	-	14,064,200	7,544,569	-	-
CONCHS	-	-	241,400	68,291	66,900	17,427
TOTAL	54,500	33,453	14,369,300	7,678,683	6,157,900	1,283,451

(CONTINUED ON NEXT PAGE)

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	DREDGES - CONTINUED				TONGS	
	OYSTER, COMMON		SCALLOP, SEA		OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, FLUKE	-	-	54,700	16,477	-	-
SEA BASS, BLACK	-	-	200	40	-	-
UNCLASSIFIED, FOR FOOD	-	-	200	28	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	59,600	60,890	-	-	950,000	872,174
FALL	67,000	71,744	-	-	1,586,400	1,574,575
PRIVATE:						
SPRING	1,540,000	1,621,327	-	-	364,300	248,935
FALL	815,300	820,123	-	-	281,100	300,518
SCALLOPS, SEA	-	-	1,474,700	2,713,457	-	-
SQUID	-	-	700	78	-	-
TOTAL	2,481,900	2,574,084	1,530,500	2,730,080	3,181,800	2,996,202

SPECIES	TONGS - CONTINUED		RAKES			
	OTHER		OYSTER		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	564,700	530,377	-	-	17,400	19,260
OYSTERS, MARKET,						
PUBLIC:						
SPRING	-	-	1,500	475	-	-
FALL	5,700	5,612	-	-	-	-
TOTAL	570,400	535,989	1,500	475	17,400	19,260

SPECIES	PICKS		BY HAND			
			OYSTER		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	231,200	235,102	-	-	16,100	17,629
OYSTERS, MARKET:						
PUBLIC, FALL	-	-	78,400	43,223	-	-
PRIVATE, FALL	-	-	334,800	257,624	-	-
TOTAL	231,200	235,102	413,200	300,847	16,100	17,629

CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1976

SPECIES	MARYLAND				VIRGINIA	
	OCEAN 1/		CHESAPEAKE BAY		OCEAN 1/	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	500	27	125,000	5,276	-	-
ANGLERFISH	-	-	-	-	200	54
BLUEFISH	63,400	6,076	449,900	23,912	179,800	18,293
BUTTERFISH	20,500	5,505	100	44	18,900	4,658
CARP	-	-	96,300	2,459	-	-
CATFISH AND BULLHEADS	100	7	246,900	30,868	-	-
COD	8,500	2,874	-	-	-	-
CRAPPIE	-	-	1,500	371	-	-
CROAKER	1,020,700	109,883	48,400	7,434	2,019,100	254,890
DRUM:						
BLACK	100	8	-	-	27,000	1,609
RED	-	-	300	28	3,700	420
EELS, COMMON	15,000	5,250	150,100	52,536	-	-
FLOUNDERS:						
BLACKBACK	300	50	-	-	1,200	360
FLUKE	687,500	233,956	9,000	2,847	3,006,600	1,055,642
UNCLASSIFIED	-	-	-	-	800	44
GIZZARD SHAD	-	-	48,400	554	-	-
HAKE, RED	4,400	134	-	-	200	9
HERRING, SEA	6,400	130	-	-	100	5
HICKORY SHAD	200	40	3,500	780	-	-
HOGCHOKER	-	-	100	2	-	-
KING WHITING OR "KINGFISH"	400	87	-	-	10,100	1,130
MACKEREL:						
ATLANTIC	223,600	20,741	-	-	263,600	38,145
KING	-	-	-	-	600	272
SPANISH	400	88	-	-	4,600	1,150
MENHADEN	2,800	78	5,376,900	182,248	46,093,100	1,382,791
MULLET, BLACK (LISA)	1,100	172	400	59	19,700	2,237
SCUP OR PORGY	34,800	6,990	-	-	267,000	51,620
SEA BASS, BLACK	296,400	84,776	-	-	812,900	226,250
SEA TROUT OR WEAKFISH:						
GRAY	392,000	38,875	44,200	8,908	822,100	123,339
SPOTTED	-	-	-	-	2,900	699
SHAD	400	76	109,100	41,010	201,600	34,678
SHARKS:						
GRAYFISH	6,900	795	-	-	30,800	1,450
UNCLASSIFIED	73,200	3,662	-	-	2,600	307
SPOT	5,000	709	11,400	2,251	174,700	34,038
STRIPED BASS	28,700	27,195	1,868,400	1,022,377	70,400	46,922
STURGEON, COMMON	2,100	512	-	-	2,900	500
SUCKERS	-	-	200	16	-	-
SUNFISH	-	-	2,200	219	-	-
SWELLFISH	-	-	-	-	1,200	236
SWORDFISH	-	-	-	-	24,900	34,001
TAUTOG	200	10	-	-	-	-
TUNA	1,098,000	318,411	-	-	30,800	9,220
WHITE PERCH	2,800	587	436,800	114,493	200	44
WHITING	5,700	874	-	-	5,900	453
YELLOW PERCH	-	-	22,800	5,004	-	-
UNCLASSIFIED:						
FOR FOOD	2,900	522	2,800	290	30,500	2,323
FOR BAIT, REDUCTION, AND ANIMAL FOOD	200	6	2,000	39	9,900	185
CRABS:						
BLUE:						
HARD	695,600	214,702	18,733,900	4,371,470	472,100	111,070
SOFT AND PEELER	91,800	78,034	1,381,900	997,228	13,500	9,750
JONAH	24,800	4,699	-	-	1,400	572
RED	23,600	11,998	-	-	6,400	3,430
HORSESHOE CRAB	22,900	981	-	-	2,200	243
LOBSTERS, AMERICAN	116,800	230,395	-	-	144,000	287,057
CLAMS:						
HARD, PUBLIC	36,200	34,438	-	-	54,900	56,607
OCEAN QUAHOG	900	312	-	-	-	-
SOFT, PUBLIC	-	-	1,750,800	2,749,456	-	-
SURF	7,134,800	3,829,433	-	-	14,064,200	7,544,569
CONCHS	47,100	11,749	-	-	246,100	69,643
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	5,643,700	5,175,951	4,800	3,981
FALL	-	-	8,536,300	9,680,050	400	440
PRIVATE:						
SPRING	95,700	222,815	429,200	462,977	2,700	2,773
FALL	88,200	227,147	87,200	101,455	600	800
SCALLOPS, SEA	1,800	3,740	-	-	2,875,900	4,861,133
SQUID	39,300	11,364	-	-	112,700	12,706
TERRAPIN	-	-	1,200	791	3,900	3,714
TURTLES, SNAPPER	-	-	48,100	14,136	-	-
TOTAL FISH	12,424,700	5,750,913	45,669,000	25,057,539	72,146,400	16,296,462

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1976 - Continued

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	4,237,600	158,076	500	27	4,362,600	163,352
ANGLERFISH	-	-	200	54	-	-
BLUEFISH	3,987,300	275,813	243,200	24,369	4,437,200	299,725
BUTTERFISH	106,400	25,629	39,400	10,163	106,500	25,673
CABIO	2,900	450	-	-	2,900	450
CARP	172,600	9,419	-	-	268,900	11,878
CATFISH AND BULLHEADS	1,207,700	251,796	100	7	1,454,600	282,664
COD	-	-	8,500	2,874	-	-
CRAPPIE	-	-	-	-	1,500	371
CROAKER	3,878,500	534,389	3,039,800	364,773	3,926,900	541,823
DRUM:						
BLACK	4,000	185	27,100	1,617	4,000	185
RED	14,900	1,119	3,700	420	15,200	1,147
EELS, COMMON	567,000	197,416	15,000	5,250	717,100	249,952
FLOUNDERS:						
BLACKBACK	100	21	1,500	410	100	21
FLUKE	296,500	102,184	3,694,100	1,289,598	305,500	105,031
UNCLASSIFIED	-	-	800	44	-	-
GIZZARD SHAD	32,700	438	-	-	81,100	992
HAKE, RED	-	-	4,600	143	-	-
HARVESTFISH	13,900	5,459	-	-	13,900	5,459
HERRING, SEA	100	5	6,500	135	100	5
HICKORY SHAD	3,400	1,019	200	40	6,900	1,799
HOGCHOKER	-	-	-	-	100	2
KING WHITING OR "KINGFISH"	200	20	10,500	1,217	200	20
MACKEREL:						
ATLANTIC	12,900	1,955	487,200	58,886	12,900	1,955
KING	9,200	3,442	600	272	9,200	3,442
SPANISH	75,000	12,201	5,000	1,238	75,000	12,201
MENHADEN	394,667,600	11,615,984	46,095,900	1,382,869	400,044,500	11,798,232
MULLET, BLACK (LISA)	52,900	3,894	20,800	2,409	53,300	3,953
POMPANO	4,000	2,020	-	-	4,000	2,020
SAND PERCH	400	26	-	-	400	26
SCUP OR PORGY	2,900	261	301,800	58,610	2,900	261
SEA BASS, BLACK	9,000	2,077	1,109,300	311,026	9,000	2,077
SEA TROUT OR WEAKFISH:						
GRAY	3,153,700	498,618	1,214,100	162,214	3,197,900	507,526
SPOTTED	36,100	9,274	2,900	699	36,100	9,274
SHAD	694,000	249,334	202,000	34,754	803,100	290,344
SHARKS:						
GRAYFISH	7,200	413	37,700	2,245	7,200	413
UNCLASSIFIED	-	-	75,800	3,969	-	-
SPADEFISH	400	20	-	-	400	20
SPOT	1,017,700	189,576	179,700	34,747	1,029,100	191,827
STRIPED BASS	883,400	439,525	99,100	74,117	2,751,800	1,461,902
STURGEON, COMMON	-	-	5,000	1,012	-	-
SUCKERS	-	-	-	-	200	16
SUNFISH	-	-	-	-	2,200	219
SWELLFISH	500	65	1,200	236	500	65
SWORDFISH	-	-	24,900	34,001	-	-
TAUTOG	1,000	96	200	10	1,000	96
TUNA	-	-	1,128,800	327,631	-	-
WHITE PERCH	170,200	41,289	3,000	631	607,000	155,782
WHITING	-	-	11,600	1,327	-	-
YELLOW PERCH	1,100	222	-	-	23,900	5,226
UNCLASSIFIED:						
FOR FOOD	9,900	1,173	33,400	2,845	12,700	1,463
FOR BAIT, REDUCTION, AND ANIMAL FOOD	8,383,900	194,058	10,100	191	8,385,900	194,097
CRABS:						
BLUE:						
HARD	25,289,000	4,985,598	1,167,700	325,772	44,022,900	9,357,068
SOFT AND PEELER	747,400	540,964	105,300	87,784	2,129,300	1,538,192
JONAH	-	-	26,200	5,271	-	-
RED	-	-	30,000	15,428	-	-
HORSESHOE CRAB	-	-	25,100	1,224	-	-
LOBSTERS, AMERICAN	-	-	260,800	517,452	-	-
CLAMS:						
HARD, PUBLIC	838,200	811,584	91,100	91,045	838,200	811,584
OCEAN QUAHOG	-	-	900	312	-	-
SOFT, PUBLIC	-	-	-	-	1,750,800	2,749,456
SURF	-	-	21,199,000	11,374,002	-	-
CONCHS	68,400	17,884	293,200	81,392	68,400	17,884

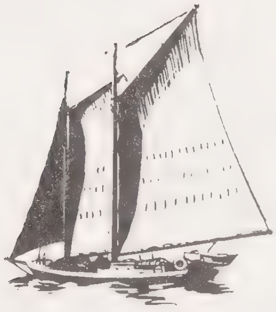
SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1976 - Continued

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OYSTERS, MARKET:						
PUBLIC:						
SPRING	1,006,300	929,558	4,800	3,981	6,650,000	6,105,509
FALL	1,737,100	1,694,714	400	440	10,273,400	11,374,764
PRIVATE:						
SPRING	1,901,600	1,867,489	98,400	225,588	2,330,800	2,330,466
FALL	1,430,600	1,377,465	88,800	227,947	1,517,800	1,478,920
SCALLOPS, SEA	-	-	2,877,700	4,864,873	-	-
SQUID	-	-	152,000	24,070	-	-
TERRAPIN	-	-	3,900	3,714	1,200	791
TURTLES, SNAPPER	12,100	3,931	-	-	60,200	18,067
TOTAL	456,749,500	27,058,148	84,571,100	22,047,375	502,418,500	52,115,687

1/ INCLUDES BAYS AND CREEKS, EXCLUSIVE OF CHESAPEAKE BAY, WHICH DRAIN INTO THE ATLANTIC OCEAN.



SECTION 5

SOUTH ATLANTIC FISHERIES

Landings of U.S. commercial fishermen in the South Atlantic States of North Carolina, South Carolina, Georgia, and the East Coast of Florida (including freshwater areas of Florida) were 318.5 million pounds valued at a record $74.0 million. This was a 4-percent decrease in volume, but a 16-percent increase in value compared with 1975. Landings declined for several major species such as catfish and bullheads, flounders, menhaden, spot, and hard blue crabs. However, landings of croaker, thread herring, king and spanish mackerel, black mullet, and gray sea trout increased significantly. The increase in value was caused by moderate to strong price increases for almost all species of fish and shellfish.

North Carolina led all States with landings of 226.1 million pounds--a decline of 5 percent; Georgia, 14.5 million pounds, declined 18 percent; and Florida, East Coast, 56.4 million pounds, declined less than 1 percent. Landings in South Carolina (21.5 million pounds) increased 7 percent over 1975.

Fishermen and vessels. The South Atlantic States had 10,580 full-time and part-time fishermen operating 1,421 vessels of 5 gross tons or more, 5,752 motorboats, and 264 boats other than motor. Compared with 1975, this was an increase of 338 fishermen, 346 motorboats and 14 other boats, but a decrease of 125 vessels.

Processed products. The value of processed fishery products was $126.7 million, a decline of $3.7 million from 1975. Georgia led in production with products valued at $48.6 million, followed by Florida, East Coast with $38.5 million; North Carolina, $29.5 million; and South Carolina, $10.0 million. Florida, East Coast was the only State which had a decline in value--down 17 percent from 1975. Frozen products with $76.2 million accounted for 60 percent of the total products. The four States had a monthly average of 5,696 persons employed in 522 wholesaling and processing plants.

Hard blue crabs. Landings were 27.4 million pounds valued at $5.2 million--a decline of 10 percent in volume, but an increase of 27 percent in value compared with 1975. Landings were the smallest since 1956 and 22 percent below the average of the previous 5 years. North Carolina landings were 11.7 million pounds valued at $2.4 million, an increase of only 6 percent in volume but up 65 percent in value over 1975. Strong demand and lower landings in neighboring States drove exvessel prices to record levels during 1976. South Carolina landings of 5.7 million pounds were down 10 percent; Georgia, 5.9 million, down 34 percent; and Florida, East Coast, 4.0 million pounds, down 4 percent.

Food finfish. Landings of edible finfish were 95.0 million pounds--an increase of 6.7 million pounds over 1975. Species with notable increases in 1976 were croaker (up 47 percent), king mackerel (up 31 percent), spanish mackerel (up 85 percent), black mullet (up 44 percent), and gray sea trout (up 29 percent). Croaker, king mackerel, gray sea trout, and spanish mackerel had record landings. Black mullet had the highest landings since 1966. Several major species including catfish and bullheads, flounders, and spot declined in volume in 1976. Landings of spot were the smallest since 1970 and were 47 percent below the 1971-75 average.

Spiny lobsters. Landings were 987,000 pounds valued at $1.7 million--declines of 57 percent in volume and 43 percent in value from 1975. The quantity landed was the smallest since 1964. The average price per pound increased from $1.30 in 1975 to $1.76 in 1976. All landings were made at Florida, East Coast ports.

Menhaden. Landings were 145.0 million pounds, a decline of 13 percent from 1975. North Carolina with 93 percent of the total landings had 134.9 million pounds--down 12 percent from 1975. The summer fishery landings were down 14 percent, but the fall landings were up about 18 percent. Fourteen vessels operated in the summer fishery, 13 in the fall fishery. The remaining 10.1 million pounds of menhaden in the South Atlantic area were landed along the east coast of Florida. Landings in Florida, East Coast were 21 percent below 1975 and the smallest since 1958.

Oysters. Landings yielded 1.7 million pounds of meats worth $1.2 million, an increase of 8 percent in volume and 16 percent in value compared with 1975. Landings and value increased in every State except North Carolina. Landings in South Carolina (the leading producer) increased 14 percent; Georgia, 64 percent; and Florida, East Coast, 42 percent. Landings in North Carolina declined 22 percent in volume and 12 percent in value from 1975.

Scallops. Total landings of all species of scallops yielded 1.8 million pounds of meats worth $2.0 million--a decline of 11 percent in volume, but an increase of 42 percent in value compared with 1975. Bay scallop landings were 248,000 pounds--up 84 percent from 1975. Calico scallop landings were 1.4 million pounds in 1976 compared with 426,000 pounds in 1975. Sea scallops accounted for 62 percent of the total scallop production. Landings were 1.1 million pounds in 1976, an increase of 686,000 over 1975. Bay scallops and sea scallops are landed only in North Carolina, while calico scallops are produced only in Florida, East Coast.

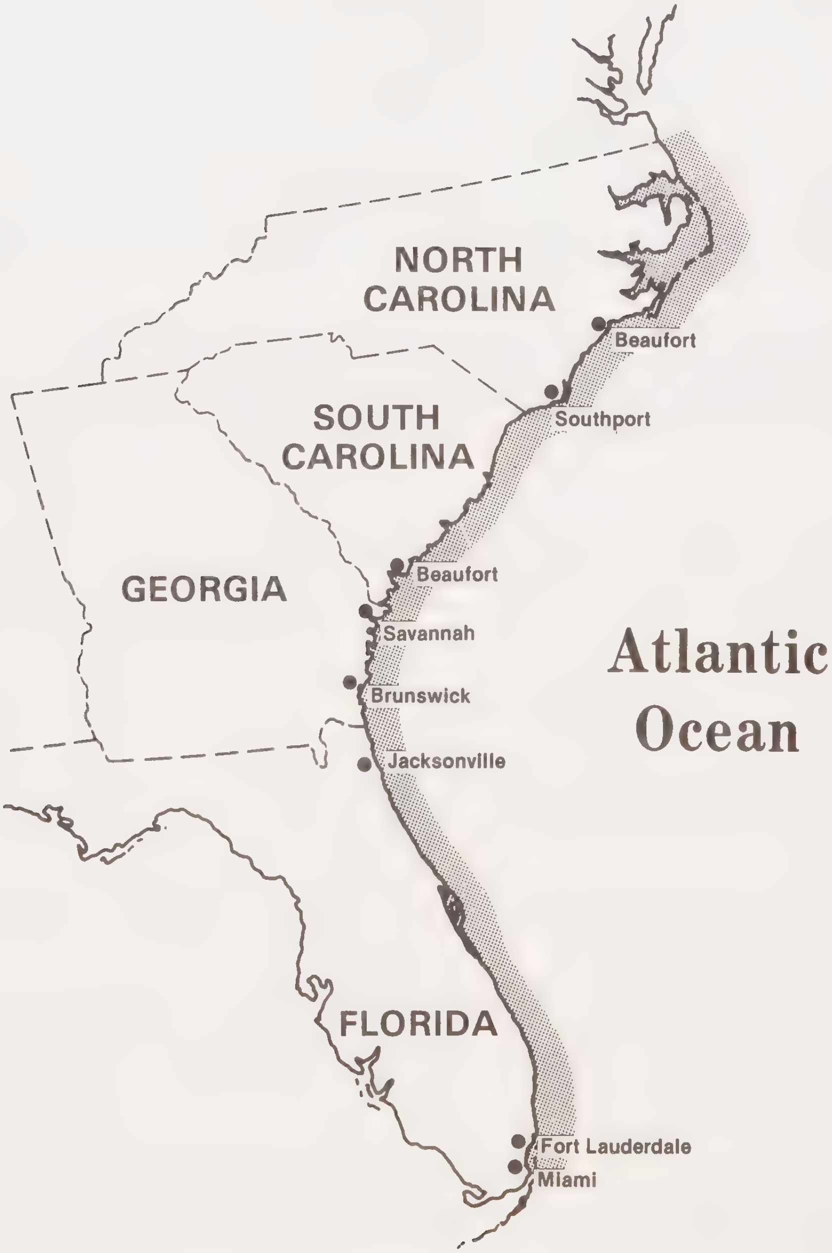
Shrimp. Landings of 26.1 million pounds (heads-on) valued at $34.9 million were up 5 percent in quantity and 15 percent in value over 1975. Fishermen received an average price of a record $1.34 per pound compared with $1.22 in 1975 and 68 cents in 1974. Landings in South Carolina (8.7 million pounds) declined 2 percent and Georgia (7.8 million pounds) declined 4 percent from 1975. North Carolina landings of 6.6 million pounds increased 29 percent and landings along the east coast of Florida increased 8 percent over 1975.

Compared with 1975, brown shrimp landings increased 44 percent and rock shrimp increased 12 percent. Landings of pink shrimp were down 10 percent; white shrimp, 10 percent; and royal red shrimp, 60 percent. White shrimp represented 56 percent of the total catch, brown shrimp, 36 percent, and pink, 7 percent. Royal red and rock shrimp landings made up the remaining 1 percent.

Other information. Condensed summary data on the operating units and landings, by States, appearing in the following pages have been published previously in Current Fishery Statistics No. 7703. Additional data may be found in the monthly and annual landings bulletins for North Carolina, South Carolina, Georgia, and Florida published in the Current Fishery Statistics series by the Resource Statistics Division in cooperation with the respective States.

Acknowledgments. The following organizations helped collect the data appearing in this section: North Carolina Department of Natural and Economic Resources, Division of Commercial and Sports Fisheries; South Carolina Wildlife Resources Department, Division of Marine Resources; Georgia State Game and Fish Commission, Coastal Fisheries Division; and Florida Department of Natural Resources.

SOUTH ATLANTIC FISHERIES


NORTH CAROLINA
Beaufort
Southport
SOUTH CAROLINA
Beaufort
GEORGIA
Savannah
Brunswick
Jacksonville
Atlantic Ocean
FLORIDA
Fort Lauderdale
Miami

SOUTH ATLANTIC STATES

SOUTH ATLANTIC FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1976

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
NORTH CAROLINA.	206	15	20	13	226	27
SOUTH CAROLINA.	6	1	16	13	21	14
GEORGIA	1	(1)	14	12	15	12
FLORIDA, EAST COAST	48	12	9	8	56	20
TOTAL	260	28	59	46	318	74

1/ LESS THAN $500,000. NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING. LANDINGS FOR THE INLAND LAKES OF FLORIDA ARE INCLUDED WITH THE LANDINGS FOR THE EAST COAST OF FLORIDA. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO DADE, INCLUSIVE.

SUMMARY OF OPERATING UNITS, 1976

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN:					
ON VESSELS:	1,573	941	1,107	824	3,702
ON BOATS AND SHORE:					
FULL-TIME	1,128	257	197	1,494	3,076
PART-TIME	1,965	468	455	914	3,802
TOTAL	4,666	1,666	1,759	3,232	10,580
VESSELS, MOTOR.	563	414	472	300	1,421
GROSS TONNAGE	23,572	17,281	23,515	14,831	61,538
BOATS:					
MOTOR	2,927	638	533	1,654	5,752
OTHER	167	36	45	16	264
GEAR:					
HAUL SEINES:					
COMMON.	60	17	-	37	114
LONG.	58	-	-	-	58
PURSE SEINES:					
MENHADEN.	16	-	-	2	18
OTHER	-	-	-	3	3
BAG NETS.	72	25	-	-	97
OTTER TRAWLS:					
CRAB.	320	4	23	-	347
FISH.	238	4	8	185	435
SCALLOP	40	-	-	30	70
SHRIMP.	1,714	1,007	1,238	351	3,684
OTHER	10	-	-	-	10
POUND NETS, FISH.	878	-	-	-	878
FYKE AND HOOP NETS, FISH.	-	-	-	2,995	2,995
POTS AND TRAPS:					
CRAB:					
BLUE.	65,775	17,775	9,745	15,680	108,975
OTHER	-	-	-	4,750	4,750
EEL	5,375	-	-	225	5,600
FISH.	5,040	1,180	418	6,000	12,638
LOBSTER, SPINY.	-	-	-	31,500	31,500
GILL NETS:					
ANCHOR, SET, OR STAKE .	1,973	14	32	3	2,022
DRIFT:					
SHAD.	15	21	127	1	164
OTHER	56	27	-	-	83
RUNAROUND	42	-	-	343	385
TRAMMEL NETS.	-	-	-	70	70
LINES:					
HAND.	395	72	50	1,258	1,775
TROLL	114	15	2	565	696
LONG OR SET WITH HOOKS.	68	5	208	1,031	1,312
TROT WITH BAITS	75	1	-	-	76
DIP NETS, DROP.	-	30	-	-	30
CAST NETS	-	2	8	45	55
SPEARS.	122	-	-	-	122
DREDGES:					
CLAM.	20	5	-	-	25
OYSTER, COMMON.	118	-	-	-	118
SCALLOP, BAY.	165	-	-	-	165
TONGS AND GRABS, OYSTER .	112	-	12	7	131
RAKES:					
OYSTER.	162	175	-	-	337
OTHER	89	52	4	-	145
HOOKS, SPONGE	-	-	-	7	7
DIVING OUTFITS.	-	-	-	4	4

NOTE:--OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA ARE INCLUDED WITH THE DATA FOR THE EAST COAST OF FLORIDA. A TOTAL OF 615 FISHERMEN USING 552 MOTORBOATS FISHED 9 HAUL SEINES, 185 OTTER TRAWLS, 6,200 FISH POTS, 975 LONG OR SET LINES, AND 38 CAST NETS. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO DADE, INCLUSIVE.

LANDINGS BY STATES, 1976

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	6,402	337	67	3	-	-
AMBERJACK	-	-	1	(1)	-	-
BLUEFISH	1,356	128	1	(1)	(1)	(1)
BUTTERFISH	54	6	-	-	-	-
CABIO	2	(1)	-	-	1	(1)
CARP	17	1	-	-	(1)	(1)
CATFISH AND BULLHEADS	1,538	304	283	69	93	43
CROAKER	15,038	1,577	1	(1)	14	2
DOLPHINFISH	-	-	4	2	-	-
DRUM:						
BLACK	8	1	1	(1)	2	1
RED	168	22	3	1	7	2
EELS, COMMON	510	234	17	5	4	1
FLOUNDERS, UNCLASSIFIED	11,452	4,054	73	22	113	35
GIZZARD SHAD	344	7	-	-	-	-
GROUPERS	12	7	181	94	45	23
GRUNTS	1	(1)	1	(1)	1	(1)
HARVESTFISH	24	5	-	-	-	-
HERRING, THREAD	11,007	478	-	-	-	-
HICKORY SHAD	19	2	-	-	1	(1)
KING WHITING OR "KINGFISH"	124	20	61	13	227	48
MACKEREL:						
ATLANTIC	440	40	-	-	-	-
KING	156	109	8	5	4	2
SPANISH	30	5	4	1	3	1
MENHADEN	134,902	4,534	-	-	-	-
MULLET, BLACK (LISA)	2,072	208	3,536	426	10	3
PIGFISH	50	5	(1)	(1)	-	-
POMPANO	5	2	-	-	(1)	(1)
SAND PERCH	1	(1)	-	-	-	-
SCUP OR PORGY	216	71	102	46	47	18
SEA BASS, BLACK	573	292	90	27	20	8
SEA TROUT OR WEAKFISH:						
GRAY	8,714	959	1	(1)	-	-
SPOTTED	638	219	6	3	30	15
SHAD	167	65	32	20	93	58
SHARKS, UNCLASSIFIED	-	-	24	3	-	-
SHEEPSHEAD, SALTWATER	10	1	1	(1)	6	1
SNAPPERS:						
RED	-	-	39	57	56	76
VERMILION	-	-	55	56	-	-
UNCLASSIFIED	5	4	16	18	1	2
SPADEFISH	8	1	-	-	-	-
SPOT	2,674	348	1,013	181	18	3
STRIPED BASS	1,038	523	-	-	-	-
STURGEON, COMMON	46	10	88	26	1	1
SUCKERS	-	-	-	-	(1)	(1)
SWELLFISH	7	3	-	-	-	-
TILEFISH	-	-	1	(1)	-	-
TUNA, LITTLE	1	(1)	-	-	-	-
WHITE PERCH	184	30	-	-	-	-
YELLOW PERCH	11	2	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	5	2	3	1
FOR BAIT, REDUCTION, AND ANIMAL FOOD	5,592	56	-	-	-	-
TOTAL FISH	205,616	14,670	5,715	1,080	800	344
SHELLFISH ET AL.						
CRABS, BLUE:						
HARD	11,732	2,406	5,740	976	5,873	1,087
SOFT AND PEELER	20	26	-	-	-	-
TOTAL CRABS	11,752	2,432	5,740	976	5,873	1,087
SHRIMP	6,643	8,171	8,653	11,043	7,772	10,879
CLAMS:						
HARD, PUBLIC	306	258	172	209	11	16
SURF	20	10	-	-	-	-
OCTOPUS	(1)	(1)	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	219	187	-	-	-	-
FALL	48	45	-	-	-	-
PRIVATE:						
SPRING	26	22	684	429	55	35
FALL	40	38	503	330	17	14
TOTAL OYSTERS	333	292	1,187	759	72	49

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
SHELLFISH ET AL. - CONTD.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SCALLOPS:						
BAY	248	194	-	-	-	-
SEA	1,107	1,432	-	-	-	-
TOTAL SCALLOPS	1,355	1,626	-	-	-	-
SQUID	36	5	12	3	-	-
TURTLES, SNAPPER	8	1	-	-	-	-
TOTAL SHELLFISH ET AL.	20,453	12,795	15,764	12,990	13,728	12,031
GRAND TOTAL	226,069	27,465	21,479	14,070	14,528	12,375

SPECIES	FLORIDA, EAST COAST		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	1	(1)	6,470	340
AMBERJACK	66	7	67	7
ANGELFISH	6	1	6	1
BALLYHOO	123	38	123	38
BARRACUDA	2	(1)	2	(1)
BLUEFISH	1,380	237	2,737	365
BLUE RUNNER	67	6	67	6
BONITO	21	3	21	3
BUTTERFISH	-	-	54	6
CABIO	13	4	16	4
CARP	-	-	17	1
CATFISH AND BULLHEADS	9,467	2,916	11,381	3,332
CIGARFISH	1	(1)	1	(1)
CREVALLE	97	9	97	9
CROAKER	78	25	15,131	1,604
DOLPHINFISH	26	10	30	12
DRUM:				
BLACK	121	15	132	17
RED	106	36	284	61
EELS, COMMON	233	114	764	354
FLOUNDERS, UNCLASSIFIED	141	48	11,779	4,159
GIZZARD SHAD	-	-	344	7
GOATFISH	96	36	96	36
GROUPERS	747	382	985	506
GRUNTS	24	4	27	4
HARVESTFISH	-	-	24	5
HERRING, THREAD	58	3	11,065	481
HICKORY SHAD	-	-	20	2
JEWFISH	53	18	53	18
KING WHITING OR "KINGFISH"	768	176	1,180	257
MACKEREL:				
ATLANTIC	-	-	440	40
KING	4,821	2,539	4,989	2,655
SPANISH	9,589	1,779	9,626	1,786
MENHADEN	10,131	198	145,033	4,732
MOJARRA	126	14	126	14
MULLET:				
BLACK (LISA)	1,929	261	7,547	898
SILVER	296	43	296	43
PERMIT	7	2	7	2
PIGFISH	5	(1)	55	5
POMPANO	444	624	449	626
SAND PERCH	-	-	1	(1)
SCUP OR PORGY	102	39	467	174
SEA BASS, BLACK	75	25	758	352
SEA CATFISH	45	2	45	2
SEA TROUT OR WEAKFISH:				
GRAY	89	23	8,804	982
SPOTTED	532	246	1,206	483
SHAD	28	8	320	151
SHARKS, UNCLASSIFIED	46	5	70	8
SHEEPSHEAD, SALTWATER	232	36	249	38
SNAPPERS:				
LANE	8	6	8	6
MANGROVE	89	52	89	52
MUTTON	122	108	122	108
RED	488	607	583	740
VERMILION	149	138	204	194
YELLOWTAIL	55	46	55	46
UNCLASSIFIED	-	-	22	24

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	FLORIDA, EAST COAST		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SPADEFISH	-	-	8	1
SPANISH SARDINES	16	1	16	1
SPOT	534	109	4,239	641
STRIPED BASS	-	-	1,038	523
STURGEON, COMMON	-	-	135	37
SUCKERS	-	-	(1)	(1)
SWELLFISH	-	-	7	3
SWORDFISH	262	355	262	355
TENPOUNDER	1	(1)	1	(1)
TILAPIA	1,844	270	1,844	270
TILEFISH	151	66	152	66
TRIGGERFISH	22	5	22	5
TRIPLETAIL	4	1	4	1
TUNA, LITTLE	-	-	1	(1)
WAHOO	4	2	4	2
WARSAW	27	12	27	12
WHITE PERCH	-	-	184	30
YELLOW PERCH	-	-	11	2
UNCLASSIFIED:				
FOR FOOD	1,228	327	1,236	330
FOR BAIT, REDUCTION, AND ANIMAL FOOD	446	26	6,038	82
TOTAL FISH	47,642	12,063	259,773	28,157
SHELLFISH ET AL.				
CRABS:				
BLUE:				
HARD	4,024	730	27,369	5,199
SOFT AND PEELER	(1)	(1)	20	26
STONE	30	33	30	33
TOTAL CRABS	4,054	763	27,419	5,258
LOBSTERS, SPINY	987	1,734	987	1,734
SHRIMP	3,040	4,812	26,108	34,905
CLAMS:				
HARD, PUBLIC	61	77	550	560
SURF	-	-	20	10
TOTAL CLAMS	61	77	570	570
OCTOPUS	-	-	(1)	(1)
OYSTERS, MARKET:				
PUBLIC:				
SPRING	24	25	243	212
FALL	25	26	73	71
PRIVATE:				
SPRING	45	46	810	532
FALL	18	18	578	400
TOTAL OYSTERS	112	115	1,704	1,215
SCALLOPS:				
BAY	-	-	248	194
CALICO	426	398	426	398
SEA	-	-	1,107	1,432
TOTAL SCALLOPS	426	398	1,781	2,024
SQUID	4	1	52	9
TURTLES:				
SNAPPER	-	-	8	1
SOFT-SHELL	63	11	63	11
SPONGES:				
GRASS	4	10	4	10
SHEEPSWOOL	7	46	7	46
YELLOW	5	16	5	16
TOTAL SHELLFISH ET AL.	8,763	7,983	58,708	45,799
GRAND TOTAL	56,405	20,046	318,481	73,956

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS. LANDINGS FOR THE INLAND LAKES OF FLORIDA, WHICH ARE INCLUDED WITH THOSE OF THE EAST COAST OF FLORIDA, WERE AS FOLLOWS: 8,391,100 POUNDS OF CATFISH AND BULLHEADS (VALUED AT $2,578,043), 1,844,000 POUNDS OF TILAPIA (VALUED AT $270,578), 970,100 POUNDS OF UNCLASSIFIED FISH FOR FOOD (VALUED AT $291,030), 219,400 UNCLASSIFIED FISH FOR BAIT, REDUCTION, AND ANIMAL FOOD (VALUED AT $10,970) AND 62,800 POUNDS OF TURTLES (VALUED AT $10,861). FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO DADE, INCLUSIVE.

LANDINGS OF CERTAIN SHELLFISH, 1976

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:						
HARD, PUBLIC	35,017	258,163	19,073	208,686	1,246	16,397
SURF	1,200	9,610	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	40,463	186,484	-	-	-	-
FALL	11,663	44,968	-	-	-	-
PRIVATE:						
SPRING	4,752	22,305	248,873	428,686	14,587	34,706
FALL	9,485	38,301	205,143	330,377	6,880	14,534
SCALLOPS:						
BAY	45,182	194,457	-	-	-	-
SEA	161,547	1,431,706	-	-	-	-

SPECIES	FLORIDA, EAST COAST		TOTAL	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
CLAMS:				
HARD, PUBLIC	7,600	76,338	62,936	559,584
SURF	-	-	1,200	9,610
OYSTERS, MARKET:				
PUBLIC:				
SPRING	5,878	25,307	46,341	211,791
FALL	6,385	25,578	18,048	70,546
PRIVATE:				
SPRING	10,878	45,713	279,090	531,410
FALL	4,667	17,669	226,175	400,881
SCALLOPS:				
BAY	-	-	45,182	194,457
CALICO	181,489	398,111	181,489	398,111
SEA	-	-	161,547	1,431,706

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN SHELLFISH, 1976

SPECIES	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL			
CLAMS:				
HARD, PUBLIC	8.75	8.75	8.75	8.00
SURF	17.00	-	-	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING	5.40	-	-	4.10
FALL	4.15	-	-	3.90
PRIVATE:				
SPRING	5.45	2.75	3.75	4.10
FALL	4.27	2.45	2.50	3.90
SCALLOPS:				
BAY	5.50	-	-	-
CALICO	-	-	-	2.35
SEA	6.85	-	-	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

SOUTH ATLANTIC FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1976

Item	Unit	Quantity	Dollars
		- - - - - Thousands	- - - - -
Fresh	Pounds	10,129	26,770
Frozen	do	44,956	76,188
Canned	Standard cases	113	3,964
Cured	Pounds	4,082	6,016
Industrial	–	–	13,720
Total	–	–	126,658

VALUE OF PROCESSED PRODUCTS, BY STATES, 1976

State	Thousand dollars
North Carolina	29,537
South Carolina	10,017
Georgia	48,580
Florida, East Coast	38,523
Total	126,658

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT. 1976

State	Processing			Wholesale			Total		
		Employment average			Employment average			Employment average	
	Plants	Season	Year	Plants	Season	Year	Plants	Season	Year
	- - - - -	- - - - -	- - - - -	- - - - -	Number	- - - - -	- - - - -	- - - - -	- - - - -
North Carolina	78	1,816	1,298	173	627	443	251	2,443	1,741
South Carolina	20	679	528	77	444	279	97	1,123	807
Georgia	15	2,015	1,674	43	395	237	58	2,410	1,911
Florida, East Coast	42	1,251	1,019	74	228	217	116	1,479	1,236
Total	155	5,761	4,519	367	1,694	1,176	522	7,455	5,695

Note:--Employment is reported by each plant for each month for the payroll period that includes the 12th of the month. Employment for the season is based on the greatest number of employees working during the payroll period that included the 12th of each month. Employment for the year is obtained by adding the number of employees recorded as working during the payroll period that included the 12th of each month, and dividing by 12.

PROCESSED FISHERY PRODUCTS, 1976

Item	Unit	North Carolina		South Carolina	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Alewives, frozen for bait	Pounds	1,758	134	(1)	(1)
Bluefish, fresh and frozen fillets	do	98	61	—	—
Flounders, fresh and frozen fillets	do	554	630	701	805
Menhaden:					
Meal and scrap	Tons	16	6,136	—	—
Oil	Pounds	1,360	215	—	—
Solubles	Tons	9	1,206	—	—
Sea trout, fresh and frozen fillets	Pounds	100	75	(1)	(1)
Crabs, blue:					
Fresh and frozen, cooked meat	do	2,214	10,356	(1)	(1)
Meal and scrap	Tons	1	129	—	—
Shrimp, fresh and frozen:					
Raw headless	Pounds	316	943	(1)	(1)
Peeled and deveined, raw	do	71	227	—	—
Clams, hard, fresh shucked	Gallons	5	45	—	—
Oysters, fresh shucked	do	98	1,900	24	242
Scallops, fresh shucked:					
Bay	do	29	591	—	—
Sea	Pounds	1,107	2,068	—	—
Sealskins, processed	—	—	—	—	4,667
Unclassified:					
Fresh and frozen	Pounds	(2) 1,823	(2) 1,986	(3) 2,379	(3) 4,304
Canned	Standard cases	24	1,182	(3)	(3)
Cured	Pounds	(4) 2,271	(4) 583	—	—
Industrial	—	—	(5) 1,070	—	—
Total	—	—	29,537	—	10,018

Item	Unit	Georgia		Florida, East Coast	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Bluefish, fresh and frozen fillets	Pounds	—	—	9	7
Catfish, frozen, dressed and skinned	do	—	—	1,919	1,644
Snappers, red, frozen fillets	do	—	—	128	339
Spanish mackerel, fresh and frozen fillets	do	—	—	1,078	754
Crabs, fresh and frozen:					
Blue:					
Cooked meat	do	774	2,813	378	1,382
Breaded raw, deviled and mixes	do	288	593	(1)	(1)
Stone, cooked claws	do	—	—	104	285
Lobsters, spiny, fresh and frozen:					
Tails, raw	do	(1)	(1)	483	2,447
Cooked, whole	do	—	—	847	1,781
Shrimp, fresh and frozen:					
Raw headless	do	647	1,834	156	495
Peeled and deveined, raw	do	1,470	4,892	—	—
Breaded raw	do	13,719	27,245	6,993	16,381
Oysters, fresh and frozen, shucked	Gallons	(1)	(1)	7	105

See footnotes at end of table.

(Continued on next page)

SOUTH ATLANTIC FISHERIES

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Georgia		Florida, East Coast	
		Quantity	Dollars	Quantity	Dollars
		- - - - - - Thousands	- - - - - -	- - - - - -	- - - - - -
Scallops, fresh and frozen:					
Bay shucked	Gallons	–	–	125	2,248
Sea, breaded, raw and cooked	Pounds	946	1,890	–	–
Unclassified:					
Fresh and frozen	do	(6) 7,942	(6) 9,313	(7) 5,881	(7) 10,655
Cured	do	–	–	(7)	(7)
Industrial	–	–	(6)	–	(7)
Total	–	–	48,580	–	38,523

(1) Included with unclassified. (2) Includes spanish mackerel and striped bass fillets; catfish and eels dressed and skinned; flounder steaks, and flounders stuffed, breaded raw; gizzard shad for bait; crabs cakes, deviled, and stuffed, breaded raw; oysters, breaded raw; calico scallops shucked; and unclassified dinners, breaded raw. (3) Includes sea trout fillets; alewives for bait; catfish and eels dressed and skinned; crab meat cooked; and crabs deviled breaded raw; shrimp breaded raw; canned catfish stews; crab meat natural and crab soup; shrimp soup; hard clam chowder; oysters, natural and stews. (4) Includes alewives, mullet, and spot salted. (5) Includes the value of alewife meal; thread herring meal and oil; hard clam shells cleaned and polished; and unclassified meal and oil; and unclassified fish frozen for bait. (6) Includes fillets of flounders and sea trout; ocean perch fillets breaded raw; spiny lobster tails raw; shrimp, for bait, cooked peeled and deveined, cakes breaded raw, creoles and cocktails cooked; oysters, shucked, and breaded raw; fish sticks breaded, raw and cooked; fish portions breaded raw and cooked, and unbreaded; and the value of crab meal. (7) Includes fillet of flounders, groupers, mullet, pompano, sea trout, unclassified snappers, and tilapia; king mackerel fillets and steaks; ballyhoo for bait; flounders stuffed breaded raw; crabs, deviled and crab patties, breaded raw; spiny lobster cooked meat; shrimp regular, burgers, stuffed, and in sauces, breaded raw; rock shrimp, raw headless and split, hard clams shucked; butterfish, chubs, king mackerel, marlin, sablefish, salmon, sturgeon, whitefish smoked, and sea herring salted; and the values of menhaden, meal, oil, and solubles, and crab meal.

Note:--Some of the products may have been processed from raw products imported from another State or a foreign country; therefore, they cannot be correlated directly with landings within the State. Certain items are shown in an intermediate and also a more advanced stage of processing.

NORTH CAROLINA
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES		PURSE SEINES, MENHADEN	BAG NETS	OTTER TRAWLS	
	COMMON	LONG			CRAB	FISH
	NUMBER					
FISHERMEN:						
ON VESSELS	-	24	267	-	272	447
ON BOATS AND SHORE:						
FULL-TIME	69	193	-	30	79	-
PART-TIME	192	133	-	45	41	-
TOTAL	261	350	267	75	392	447
VESSELS, MOTOR	-	9	16	-	132	145
GROSS TONNAGE	-	75	4,192	-	3,291	8,982
BOATS:						
MOTOR	58	104	32	72	86	-
OTHER	7	118	-	40	-	-
GEAR	60	58	16	72	320	238

ITEM	OTTER TRAWLS - CONTINUED			POUND NETS, FISH	POTS AND TRAPS	
	SCALLOP	SHRIMP	OTHER		CRAB, BLUE	EEL
	NUMBER					
FISHERMEN:						
ON VESSELS	97	1,038	-	-	16	-
ON BOATS AND SHORE:						
FULL-TIME	-	334	8	147	262	34
PART-TIME	-	639	4	197	202	137
TOTAL	97	2,011	12	344	480	171
VESSELS, MOTOR	24	451	-	-	9	-
GROSS TONNAGE	2,264	16,175	-	-	71	-
BOATS:						
MOTOR	-	841	10	236	480	150
OTHER	-	-	-	10	1	-
GEAR	40	1,714	10	878	65,775	5,375

ITEM	POTS AND TRAPS - CONTD.	GILL NETS				LINES
		ANCHOR, SET, OR STAKE	DRIFT		RUNAROUND	
	FISH		SHAD	OTHER		HAND
	NUMBER					
FISHERMEN:						
ON VESSELS	90	9	-	-	-	14
ON BOATS AND SHORE:						
FULL-TIME	44	176	-	6	23	-
PART-TIME	79	481	20	69	63	45
TOTAL	213	666	20	75	86	59
VESSELS, MOTOR	43	4	-	-	-	6
GROSS TONNAGE	947	25	-	-	-	188
BOATS, MOTOR	107	571	15	56	42	20
GEAR	5,040	1,973	15	56	42	395

ITEM	LINES - CONTINUED			SPEARS	DREDGES	
	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS		CLAM	OYSTER, COMMON
	NUMBER					
FISHERMEN:						
ON VESSELS	39	-	2	-	22	38
ON BOATS AND SHORE:						
FULL-TIME	-	11	35	19	24	68
PART-TIME	51	12	66	113	-	37
TOTAL	90	23	103	132	46	143
VESSELS, MOTOR	19	-	2	-	8	28
GROSS TONNAGE	373	-	14	-	132	236
BOATS, MOTOR	22	19	73	109	12	90
GEAR	114	68	75	122	20	118

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	DREDGES - CONTINUED	TONGS AND GRABS, OYSTER	RAKES		BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	SCALLOP, BAY		OYSTER	OTHER	OYSTER	OTHER	
	NUMBER						
FISHERMEN:							
ON VESSELS.	-	-	-	-	-	-	1,573
ON BOATS AND SHORE:							
FULL-TIME	60	36	50	30	6	-	1,128
PART-TIME	105	84	118	59	20	5	1,965
TOTAL	165	120	168	89	26	5	4,666
VESSELS, MOTOR.	-	-	-	-	-	-	563
GROSS TONNAGE	-	-	-	-	-	-	23,572
BOATS:							
MOTOR	137	110	142	90	26	2	2,927
OTHER	-	-	3	2	-	-	167
GEAR.	165	112	162	89	-	-	-

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES				PURSE SEINES, MENHADEN	
	COMMON		LONG			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES.	30,000	3,000	30,500	1,650	-	-
BLUEFISH.	318,200	27,521	680,900	63,236	-	-
BUTTERFISH.	-	-	800	104	-	-
CABIO	-	-	1,900	99	-	-
CARP.	-	-	600	29	-	-
CATFISH AND BULLHEADS . . .	-	-	11,100	2,060	-	-
CROAKER	3,700	514	4,404,800	490,404	-	-
DRUM:						
BLACK	100	6	3,700	214	-	-
RED	14,200	1,715	76,700	10,234	-	-
FLOUNDERS, UNCLASSIFIED . .	-	-	33,300	12,212	-	-
HARVESTFISH	-	-	18,000	3,390	-	-
HERRING, THREAD	-	-	-	-	11,006,800	478,308
HICKORY SHAD.	-	-	400	32	-	-
KING WHITING OR "KINGFISH".	16,500	2,846	3,600	656	-	-
MACKEREL, SPANISH	-	-	13,500	1,785	-	-
MENHADEN.	-	-	-	-	134,902,400	4,534,354
MULLET, BLACK (LISA). . . .	1,482,700	141,013	16,500	2,177	-	-
PIGFISH	-	-	46,700	4,207	-	-
POMPANO	2,300	1,207	1,800	911	-	-
SEA TROUT OR WEAKFISH:						
GRAY.	2,800	581	1,298,400	179,514	-	-
SPOTTED	22,500	8,167	342,100	119,501	-	-
SHAD.	-	-	6,300	2,651	-	-
SHEEPSHEAD, SALTWATER . . .	-	-	1,800	110	-	-
SPADEFISH	-	-	5,900	316	-	-
SPOT.	254,400	41,892	1,888,000	236,536	-	-
STRIPED BASS.	172,400	113,991	29,700	10,755	-	-
STURGEON, COMMON.	-	-	300	79	-	-
TUNA, LITTLE.	1,300	260	-	-	-	-
WHITE PERCH	-	-	11,400	1,490	-	-
YELLOW PERCH.	-	-	4,000	608	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	-	-	2,578,500	25,785	-	-
CRABS, BLUE, HARD	-	-	727,500	160,057	-	-
TOTAL	2,321,100	342,713	12,238,700	1,330,802	145,909,200	5,012,662

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	BAG NETS		OTTER TRAWLS			
			CRAB		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	-	-	163,900	17,969
BUTTERFISH	-	-	-	-	48,300	5,250
CROAKER	-	-	15,200	1,437	8,227,500	747,260
DRUM:						
BLACK	-	-	-	-	800	66
RED	-	-	-	-	7,700	881
FLOUNDERS, UNCLASSIFIED	-	-	109,400	28,826	9,626,900	3,395,064
KING WHITING OR "KINGFISH"	-	-	1,300	220	68,500	10,299
MACKEREL, ATLANTIC	-	-	-	-	440,300	40,317
SAND PERCH	-	-	-	-	1,100	56
SCUP OR PORGY	-	-	-	-	203,700	66,966
SEA BASS, BLACK	-	-	-	-	294,200	135,420
SEA TROUT OR WEAKFISH, GRAY	-	-	6,600	804	6,786,900	678,624
SHEEPSHEAD, SALTWATER	-	-	-	-	400	31
SPOT	-	-	800	79	146,800	18,137
STRIPED BASS	-	-	-	-	160,000	82,601
STURGEON, COMMON	-	-	100	24	16,300	2,386
SWELLFISH	-	-	-	-	7,200	3,321
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	2,365,100	23,650
CRABS, BLUE:						
HARD	-	-	2,184,200	438,259	-	-
SOFT AND PEELER	-	-	3,600	4,235	-	-
SHRIMP	152,300	188,775	-	-	-	-
SQUID	-	-	-	-	35,000	4,729
TOTAL	152,300	188,775	2,321,200	473,884	28,600,600	5,233,027

SPECIES	OTTER TRAWLS - CONTINUED					
	SCALLOP		SHRIMP		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	9,500	541	-	-
BUTTERFISH	-	-	4,300	772	-	-
CROAKER	-	-	138,000	13,438	-	-
DRUM, BLACK	-	-	200	21	-	-
FLOUNDERS, UNCLASSIFIED	-	-	292,300	82,451	-	-
KING WHITING OR "KINGFISH"	-	-	31,000	5,638	-	-
PIGFISH	-	-	900	85	-	-
SEA TROUT OR WEAKFISH:						
GRAY	-	-	74,300	8,027	-	-
SPOTTED	-	-	600	95	-	-
SHEEPSHEAD, SALTWATER	-	-	900	69	-	-
SPOT	-	-	193,300	22,305	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	648,900	6,489	-	-
CRABS, BLUE:						
HARD	-	-	242,500	49,617	-	-
SOFT AND PEELER	-	-	400	476	-	-
SHRIMP	-	-	6,490,500	7,982,619	-	-
CLAMS, HARD, PUBLIC	-	-	-	-	8,100	9,011
SCALLOPS, SEA	1,106,600	1,431,706	-	-	-	-
SQUID	-	-	600	93	-	-
TOTAL	1,106,600	1,431,706	8,128,200	8,172,736	8,100	9,011

SPECIES	POUND NETS, FISH		POTS AND TRAPS			
			CRAB, BLUE		EEL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	6,106,400	307,911	-	-	-	-
BLUEFISH	91,700	9,006	-	-	-	-
BUTTERFISH	600	110	-	-	-	-
CARP	13,000	395	-	-	-	-
CATFISH AND BULLHEADS	417,500	83,056	-	-	-	-
CROAKER	2,118,300	305,325	-	-	-	-
DRUM:						
BLACK	2,000	101	-	-	-	-
RED	22,300	3,097	-	-	-	-
EELS, COMMON	4,600	1,342	-	-	503,300	232,327
FLOUNDERS, UNCLASSIFIED	1,281,000	487,985	-	-	-	-
GIZZARD SHAD	244,700	5,418	-	-	-	-
HARVESTFISH	6,500	1,421	-	-	-	-
HICKORY SHAD	13,000	1,111	-	-	-	-
KING WHITING OR "KINGFISH"	900	149	-	-	-	-

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POUND NETS, FISH		POTS AND TRAPS			
			CRAB, BLUE		EEL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
MACKEREL, SPANISH	1,900	276	-	-	-	-
MULLET, BLACK (LISA)	5,500	621	-	-	-	-
POMPANO	700	371	-	-	-	-
SAND PERCH	200	10	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	423,900	70,282	-	-	-	-
SPOTTED	56,600	18,176	-	-	-	-
SHAD	44,300	17,653	-	-	-	-
SHEEPSHEAD, SALTWATER	5,900	343	-	-	-	-
SPADEFISH	1,600	108	-	-	-	-
SPOT	54,100	8,151	-	-	-	-
STRIPED BASS	48,100	22,296	-	-	-	-
STURGEON, COMMON	2,500	465	-	-	-	-
WHITE PERCH	81,700	11,528	-	-	-	-
YELLOW PERCH	800	143	-	-	-	-
CRABS, BLUE:						
HARD	-	-	8,005,100	1,635,935	-	-
SOFT AND PEELER	-	-	16,000	21,838	-	-
TOTAL	11,050,300	1,356,850	8,021,100	1,657,773	503,300	232,327

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	FISH		ANCHOR, SET, OR STAKE		DRIFT	
					SHAD	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	122,700	8,484	-	-
BLUEFISH	-	-	64,100	7,521	-	-
CARP	-	-	3,200	106	-	-
CATFISH AND BULLHEADS	715,100	140,865	276,200	54,119	300	53
CROAKER	-	-	122,700	17,753	-	-
DRUM:						
BLACK	-	-	1,600	128	-	-
RED	-	-	45,100	5,439	-	-
EELS, COMMON	1,700	628	400	125	-	-
FLOUNDERS, UNCLASSIFIED	-	-	67,300	25,554	-	-
GIZZARD SHAD	-	-	99,000	1,979	-	-
GROUPERS	200	65	-	-	-	-
GRUNTS	400	62	-	-	-	-
HICKORY SHAD	-	-	5,300	654	-	-
KING WHITING OR "KINGFISH"	-	-	1,900	365	-	-
MACKEREL, SPANISH	-	-	14,200	2,310	-	-
MULLET, BLACK (LISA)	3,000	296	432,000	48,849	-	-
PIGFISH	1,300	176	500	49	-	-
SCUP OR PORGY	11,300	4,332	-	-	-	-
SEA BASS, BLACK	272,000	153,863	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	-	-	97,600	17,572	-	-
SPOTTED	-	-	161,500	54,214	-	-
SHAD	-	-	109,200	41,725	7,300	3,198
SHEEPSHEAD, SALTWATER	-	-	900	71	-	-
SNAPPER, UNCLASSIFIED	400	209	-	-	-	-
SPOT	-	-	99,600	14,990	-	-
STRIPED BASS	-	-	617,400	288,261	200	114
STURGEON, COMMON	-	-	26,300	7,060	-	-
WHITE PERCH	-	-	89,200	16,153	-	-
YELLOW PERCH	-	-	6,300	1,033	-	-
OCTOPUS	300	181	-	-	-	-
TOTAL	1,005,700	300,677	2,464,200	614,514	7,800	3,365

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT - CONTINUED		RUNAROUND		HAND	
	OTHER					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	111,900	15,705	-	-	-	-
BLUEFISH	-	-	17,700	1,151	-	-
CATFISH AND BULLHEADS	700	138	-	-	4,800	953
CROAKER	-	-	7,800	1,104	-	-
DRUM, RED	-	-	2,200	334	-	-
GROUPERS	-	-	-	-	11,600	6,510
GRUNTS	-	-	-	-	100	9
MULLET, BLACK (LISA)	29,200	3,276	103,000	11,976	-	-
PIGFISH	-	-	-	-	200	33

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT - CONTINUED		RUNAROUND		HAND	
	OTHER					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SCUP OR PORGY	-	-	-	-	500	186
SEA BASS, BLACK	-	-	-	-	7,000	2,891
SEA TROUT OR WEAKFISH:						
GRAY.	400	81	22,600	3,209	-	-
SPOTTED	4,800	1,900	49,500	16,954	-	-
SHEEPSHEAD, SALTWATER . . .	-	-	200	16	-	-
SNAPPER, UNCLASSIFIED . . .	-	-	-	-	4,800	4,096
SPOT.	24,600	4,429	12,700	1,634	-	-
STRIPED BASS.	10,500	4,619	-	-	-	-
WHITE PERCH	1,600	425	-	-	-	-
TURTLES, SNAPPER.	-	-	-	-	7,700	1,443
TOTAL	183,700	30,573	215,700	36,378	36,700	16,121

SPECIES	LINES - CONTINUED					
	TROLL		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH.	9,800	1,380	-	-	-	-
CATFISH AND BULLHEADS . . .	-	-	112,300	22,447	-	-
MACKEREL:						
KING.	156,400	108,822	-	-	-	-
SPANISH	900	143	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	572,300	121,767
TOTAL	167,100	110,345	112,300	22,447	572,300	121,767

SPECIES	SPEARS		DREDGES			
			CLAM		OYSTER, COMMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, UNCLASSIFIED . .	42,000	21,478	-	-	-	-
CLAMS:						
HARD, PUBLIC.	-	-	267,500	215,664	-	-
SURF.	-	-	20,400	9,610	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	-	-	-	-	139,900	120,521
FALL.	-	-	-	-	20,800	19,590
PRIVATE,						
FALL.	-	-	-	-	10,000	9,489
TOTAL	42,000	21,478	287,900	225,274	170,700	149,600

SPECIES	DREDGES - CONTINUED		TONGS AND GRABS, OYSTER		RAKES	
	SCALLOP, BAY				OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	-	-	5,700	7,090	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	-	-	12,400	10,652	57,400	48,385
FALL.	-	-	5,700	5,455	19,900	18,123
PRIVATE:						
SPRING.	-	-	23,700	20,366	2,200	1,939
FALL.	-	-	24,500	23,364	6,000	5,448
SCALLOPS, BAY	248,500	194,457	-	-	-	-
TOTAL	248,500	194,457	72,000	66,927	85,500	73,895

SPECIES	RAKES - CONTINUED		BY HAND			
	OTHER		OYSTER		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	24,000	25,070	-	-	1,100	1,328
OYSTERS, MARKET,						
PUBLIC:						
SPRING.	-	-	8,800	6,926	-	-
FALL.	-	-	2,000	1,800	-	-
TOTAL	24,000	25,070	10,800	8,726	1,100	1,328

SOUTH CAROLINA
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	BAG NETS	OTTER TRAWLS			POTS AND TRAPS
			CRAB	FISH	SHRIMP	CRAB, BLUE
	NUMBER					
FISHERMEN:						
ON VESSELS	-	-	5	5	930	3
ON BOATS AND SHORE:						
FULL-TIME	-	-	-	-	62	175
PART-TIME	60	33	-	-	170	221
TOTAL	60	33	5	5	1,162	399
VESSELS, MOTOR	-	-	2	2	410	1
GROSS TONNAGE	-	-	138	108	17,091	24
BOATS:						
MOTOR	10	18	-	-	199	295
OTHER	3	-	-	-	-	-
GEAR	17	25	4	4	1,007	17,775

ITEM	POTS AND TRAPS - CONTD.	GILL NETS			LINES	
	FISH	ANCHOR, SET, OR STAKE	DRIFT		HAND	TROLL
			SHAD	OTHER		
	NUMBER					
FISHERMEN:						
ON VESSELS	42	-	-	-	29	2
ON BOATS AND SHORE:						
FULL-TIME	40	-	-	-	-	-
PART-TIME	20	27	17	19	20	13
TOTAL	102	27	17	19	49	15
VESSELS, MOTOR	19	-	-	-	12	1
GROSS TONNAGE	828	-	-	-	495	13
BOATS, MOTOR	40	15	17	19	10	6
GEAR	1,180	14	21	27	72	15

ITEM	LINES - CONTINUED		DIP NETS, DROP	CAST NETS
	LONG OR SET WITH HOOKS	TROT WITH BAITS		
	NUMBER			
FISHERMEN, ON BOATS AND SHORE, PART-TIME	5	1	30	2
BOATS, MOTOR	5	1	17	2
GEAR	5	1	30	2

ITEM	DREDGES, CLAM	RAKES		TOTAL, EXCLUSIVE OF DUPLICATION
		OYSTER	OTHER	
	NUMBER			
FISHERMEN:				
ON VESSELS	-	-	-	941
ON BOATS AND SHORE:				
FULL-TIME	-	111	-	257
PART-TIME	26	64	52	468
TOTAL	26	175	52	1,666
VESSELS, MOTOR	-	-	-	414
GROSS TONNAGE	-	-	-	17,281
BOATS:				
MOTOR	5	149	52	638
OTHER	-	41	-	36
GEAR	5	175	52	-

SOUTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		BAG NETS		OTTER TRAWLS	
					CRAB	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
MULLET, BLACK (LISA). . . .	3,535,000	425,250	-	-	-	-
SPOT.	990,000	177,000	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	5,300	959
SHRIMP.	-	-	127,500	57,705	-	-
TOTAL	4,525,000	602,250	127,500	57,705	5,300	959

SPECIES	OTTER TRAWLS - CONTINUED				POTS AND TRAPS	
	FISH		SHRIMP		CRAB, BLUE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH.	-	-	200	60	-	-
CROAKER	-	-	600	76	-	-
FLOUNDERS, UNCLASSIFIED . .	20,000	5,000	50,200	15,694	-	-
GROUPERS.	3,800	2,271	-	-	-	-
KING WHITING OR "KINGFISH".	-	-	60,600	12,512	-	-
MACKEREL, SPANISH	-	-	200	45	-	-
PIGFISH	100	43	-	-	-	-
SCUP OR PORGY	8,800	4,169	-	-	-	-
SEA BASS, BLACK	1,100	272	-	-	-	-
SEA TROUT OR WEAKFISH,						
SPOTTED.	-	-	400	207	-	-
SHARKS, UNCLASSIFIED. . . .	200	23	22,400	3,234	-	-
SHEEPSHEAD, SALTWATER . . .	-	-	100	37	-	-
SNAPPERS:						
RED	10,100	13,180	-	-	-	-
VERMILION	6,900	6,305	-	-	-	-
UNCLASSIFIED.	600	290	-	-	-	-
SPOT.	-	-	20,500	3,497	-	-
UNCLASSIFIED, FOR FOOD. . .	100	45	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	5,734,700	974,872
SHRIMP.	-	-	8,525,300	10,985,676	-	-
SQUID	-	-	12,500	3,311	-	-
TOTAL	51,700	31,598	8,693,000	11,024,349	5,734,700	974,872

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	FISH		ANCHOR, SET, OR STAKE		DRIFT	
					SHAD	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS . . .	283,500	69,025	-	-	-	-
EELS, COMMON.	17,500	5,075	-	-	-	-
SCUP OR PORGY	26,000	12,907	-	-	-	-
SEA BASS, BLACK	83,900	25,050	-	-	-	-
SHAD.	-	-	23,000	13,396	9,400	6,436
STURGEON, COMMON.	-	-	73,200	21,118	14,900	4,477
TOTAL	410,900	112,057	96,200	34,514	24,300	10,913

SPÈCIES	GILL NETS - CONTINUED		LINES			
	DRIFT - CONTINUED		HAND		TROLL	
	OTHER					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	-	-	500	106	-	-
BLUEFISH.	600	120	-	-	-	-
CROAKER	700	162	-	-	-	-
DOLPHINFISH	-	-	-	-	3,500	2,072
DRUM:						
BLACK	300	80	-	-	-	-
RED	1,100	322	1,400	530	-	-
FLOUNDERS, UNCLASSIFIED . .	1,800	575	1,200	362	-	-
GROUPERS.	-	-	177,000	91,913	-	-
GRUNTS.	-	-	1,000	232	-	-
KING WHITING OR "KINGFISH".	100	35	100	34	-	-
MACKEREL:						
KING.	-	-	2,500	1,541	5,300	3,375
SPANISH	-	-	-	-	3,400	532
MULLET, BLACK (LISA). . . .	1,400	331	-	-	-	-
SCUP OR PORGY	-	-	67,600	28,871	-	-
SEA BASS, BLACK	-	-	4,600	1,480	-	-

(CONTINUED ON NEXT PAGE)

SOUTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT - CONTINUED					
	OTHER		HAND		TROLL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SEA TROUT OR WEAKFISH:						
GRAY	1,100	280	-	-	-	-
SPOTTED	4,700	2,175	700	358	-	-
SHARKS, UNCLASSIFIED	-	-	1,000	182	-	-
SHEEPSHEAD, SALTWATER	400	108	-	-	-	-
SNAPPERS:						
RED	-	-	28,500	43,782	-	-
VERMILION	-	-	47,900	49,576	-	-
UNCLASSIFIED	-	-	15,300	17,619	-	-
SPOT	2,700	681	400	86	-	-
TILEFISH	-	-	1,300	321	-	-
UNCLASSIFIED, FOR FOOD	-	-	4,700	1,488	-	-
TOTAL	14,900	4,869	355,700	238,481	12,200	5,979

SPECIES	LINES - CONTINUED				DIP NETS, DROP	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	-	-	66,900	2,931
DRUM:						
BLACK	800	273	-	-	-	-
RED	100	18	-	-	-	-
CRABS, BLUE, HARD	-	-	100	16	-	-
TOTAL	900	291	100	16	66,900	2,931

SPECIES	CAST NETS		DREDGES, CLAM		RAKES			
					OYSTER		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
MULLET, BLACK (LISA)	200	36	-	-	-	-	-	-
CLAMS, HARD, PUBLIC	-	-	151,400	183,232	-	-	21,000	25,454
OYSTERS, MARKET, PRIVATE:								
SPRING	-	-	-	-	684,400	428,686	-	-
FALL	-	-	-	-	502,600	330,377	-	-
TOTAL	200	36	151,400	183,232	1,187,000	759,063	21,000	25,454

GEORGIA

OPERATING UNITS BY GEAR, 1976

ITEM	OTTER TRAWLS			POTS AND TRAPS		GILL NETS		LINES
	CRAB	FISH	SHRIMP	CRAB, BLUE	FISH	ANCHOR, SET, OR STAKE	DRIFT, SHAD	HAND
	NUMBER							
FISHERMEN:								
ON VESSELS	8	9	1,097	-	13	-	-	7
ON BOATS AND SHORE:								
FULL-TIME	10	-	190	131	-	7	31	2
PART-TIME	12	-	275	114	34	33	89	34
TOTAL	30	9	1,562	245	47	40	120	43
VESSELS, MOTOR	4	4	468	-	5	-	-	3
GROSS TONNAGE	221	237	23,162	-	393	-	-	221
BOATS:								
MOTOR	15	-	302	160	28	32	108	28
OTHER	-	-	-	-	-	-	30	-
GEAR	23	8	1,238	9,745	418	32	127	50

(CONTINUED ON NEXT PAGE)

GEORGIA - OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	LINES - CONTINUED		CAST NETS	TONGS AND GRABS, OYSTER	RAKES	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL	LONG OR SET WITH HOOKS					
	NUMBER						
FISHERMEN:							
ON VESSELS.	-	-	-	-	-	-	1,107
ON BOATS AND SHORE:							
FULL-TIME	-	5	-	12	-	28	197
PART-TIME	2	56	8	2	4	29	455
TOTAL	2	61	8	14	4	57	1,759
VESSELS, MOTOR.	-	-	-	-	-	-	472
GROSS TONNAGE	-	-	-	-	-	-	23,515
BOATS:							
MOTOR	1	56	8	14	4	50	533
OTHER	-	-	-	5	-	12	45
GEAR.	2	208	8	12	4	-	-

GEORGIA - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	OTTER TRAWLS					
	CRAB		FISH		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH.	-	-	-	-	100	24
CABIO	-	-	-	-	400	139
CROAKER	-	-	-	-	13,100	2,072
DRUM:						
BLACK	-	-	-	-	400	78
RED	-	-	-	-	3,200	928
FLOUNDERS, UNCLASSIFIED . .	-	-	-	-	113,300	34,825
GROUPERS.	-	-	6,700	2,732	-	-
KING WHITING OR "KINGFISH".	-	-	-	-	227,400	47,917
MACKEREL:						
KING.	-	-	100	47	-	-
SPANISH	-	-	-	-	3,000	761
POMPANO	-	-	-	-	100	55
SCUP OR PORGY	-	-	35,300	13,332	-	-
SEA BASS, BLACK	-	-	6,100	2,623	-	-
SEA TROUT OR WEAKFISH, SPOTTED.	-	-	-	-	20,500	10,296
SHEEPSHEAD, SALTWATER . . .	-	-	-	-	4,000	1,010
SNAPPER, RED.	-	-	8,800	10,729	-	-
SPOT.	-	-	-	-	16,900	2,839
STURGEON, COMMON.	-	-	-	-	200	57
CRABS, BLUE, HARD	50,500	9,098	-	-	533,100	89,310
SHRIMP.	-	-	-	-	7,771,600	10,878,695
TOTAL	50,500	9,098	57,000	29,463	8,707,300	11,069,006

SPECIES	POTS AND TRAPS				GILL NETS	
	CRAB, BLUE		FISH		ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP.	-	-	-	-	200	33
CATFISH AND BULLHEADS . . .	-	-	30,600	14,743	2,700	1,139
DRUM:						
BLACK	-	-	-	-	300	86
RED	-	-	-	-	100	45
EELS, COMMON.	-	-	2,200	600	-	-
GROUPERS.	-	-	400	170	-	-
HICKORY SHAD.	-	-	-	-	300	114
SCUP OR PORGY	-	-	500	179	-	-
SEA BASS, BLACK	-	-	9,100	3,361	-	-
SEA TROUT OR WEAKFISH, SPOTTED.	-	-	-	-	1,900	991
SHAD.	-	-	-	-	76,700	49,209
STURGEON, COMMON.	-	-	-	-	700	256
SUCKERS	-	-	-	-	200	20
CRABS, BLUE, HARD	5,289,000	988,881	-	-	-	-
TOTAL	5,289,000	988,881	42,800	19,053	83,100	51,893

(CONTINUED ON NEXT PAGE)

GEORGIA - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT, SHAD		HAND		TROLL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	-	-	100	29
CABIO	-	-	700	276	-	-
CARP	100	10	-	-	-	-
CATFISH AND BULLHEADS	2,000	817	-	-	-	-
CROAKER	-	-	500	77	-	-
DRUM:						
BLACK	-	-	1,300	385	-	-
RED	-	-	4,000	1,432	-	-
GROUPERS	-	-	38,200	20,150	-	-
GRUNTS	-	-	1,100	262	-	-
HICKORY SHAD	300	136	-	-	-	-
MACKEREL, KING	-	-	1,100	402	3,100	1,921
SCUP OR PORGY	-	-	11,300	4,282	-	-
SEA BASS, BLACK	-	-	4,300	2,202	-	-
SEA TROUT OR WEAKFISH, SPOTTED	2,600	1,398	5,000	2,504	-	-
SHAD	16,000	8,076	-	-	-	-
SHEEPSHEAD, SALTWATER	-	-	1,500	369	-	-
SNAPPERS:						
RED	-	-	47,200	64,821	-	-
UNCLASSIFIED	-	-	1,300	1,674	-	-
SPOT	-	-	600	89	-	-
STURGEON, COMMON	500	217	-	-	-	-
UNCLASSIFIED, FOR FOOD	-	-	3,500	671	-	-
TOTAL	21,500	10,654	121,600	99,596	3,200	1,950

SPECIES	LINES - CONTINUED		CAST NETS		TONGS AND GRABS, OYSTER	
	LONG OR SET WITH HOOKS					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS	57,700	26,077	-	-	-	-
EELS, COMMON	2,200	597	-	-	-	-
MULLET, BLACK (LISA)	-	-	9,700	2,643	-	-
OYSTERS, MARKET, PRIVATE, SPRING	-	-	-	-	29,000	18,855
TOTAL	59,900	26,674	9,700	2,643	29,000	18,855

SPECIES	RAKES		BY HAND, OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, HARD, PUBLIC	10,900	16,397	-	-
OYSTERS, MARKET, PRIVATE:				
SPRING	-	-	25,700	15,851
FALL	-	-	17,200	14,534
TOTAL	10,900	16,397	42,900	30,385

FLORIDA, EAST COAST
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS		
		MENHADEN	OTHER	FISH	SCALLOP	SHRIMP
	NUMBER					
FISHERMEN:						
ON VESSELS	-	34	-	-	51	378
ON BOATS AND SHORE:						
FULL-TIME	131	-	5	95	-	51
PART-TIME	19	-	-	90	-	-
TOTAL	150	34	5	185	51	429
VESSELS, MOTOR	-	2	-	-	15	156
GROSS TONNAGE	-	348	-	-	1,439	9,988
BOATS:						
MOTOR	52	4	3	185	-	32
OTHER	16	-	-	-	-	-
GEAR	37	2	3	185	30	351

ITEM	FYKE AND HOOP NETS, FISH	POTS AND TRAPS				
		CRAB		EEL	FISH	LOBSTER, SPINY
		BLUE	OTHER			
	NUMBER					
FISHERMEN:						
ON VESSELS	-	-	24	-	-	120
ON BOATS AND SHORE:						
FULL-TIME	60	78	4	5	120	45
PART-TIME	26	44	4	5	-	11
TOTAL	86	122	32	10	120	176
VESSELS, MOTOR	-	-	8	-	-	37
GROSS TONNAGE	-	-	170	-	-	1,206
BOATS, MOTOR	86	121	6	10	120	34
GEAR	2,995	15,680	4,750	225	6,000	31,500

ITEM	GILL NETS			TRAMMEL NETS	LINES	
	ANCHOR, SET, OR STAKE	DRIFT, SHAD	RUNAROUND		HAND	TROLL
	NUMBER					
FISHERMEN:						
ON VESSELS	-	-	89	-	203	46
ON BOATS AND SHORE:						
FULL-TIME	8	2	436	90	490	360
PART-TIME	-	-	83	6	560	73
TOTAL	8	2	608	96	1,253	479
VESSELS, MOTOR	-	-	22	-	84	28
GROSS TONNAGE	-	-	456	-	1,812	385
BOATS, MOTOR	3	1	321	70	655	368
GEAR	3	1	343	70	1,258	565

ITEM	LINES - CONTINUED	CAST NETS	TONGS, OYSTER	HOOKS, SPONGE
	LONG OR SET WITH HOOKS			
	NUMBER			
FISHERMEN:				
ON VESSELS	20	-	-	-
ON BOATS AND SHORE:				
FULL-TIME	336	15	-	14
PART-TIME	54	30	7	-
TOTAL	410	45	7	14
VESSELS, MOTOR	3	-	-	-
GROSS TONNAGE	335	-	-	-
BOATS, MOTOR	318	44	7	7
GEAR	1,031	45	7	7

ITEM	DIVING OUTFITS	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
		OYSTER	OTHER	
	NUMBER			
FISHERMEN:				
ON VESSELS	13	-	-	824
ON BOATS AND SHORE:				
FULL-TIME	-	19	37	1,494
PART-TIME	-	3	80	914
TOTAL	13	22	117	3,232
VESSELS, MOTOR	4	-	-	300
GROSS TONNAGE	114	-	-	831
BOATS:				
MOTOR	-	13	84	1,654
OTHER	-	-	-	16
GEAR	4	-	-	-

NOTE:--INCLUDES OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA.

FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		PURSE SEINES.				OTTER TRAWLS	
			MENHADEN		OTHER		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BALLYHOO	-	-	-	-	123,200	37,665	-	-
CATFISH AND BULLHEADS	-	-	-	-	-	-	100,000	30,200
BLUEFISH	580,000	98,729	-	-	-	-	-	-
BLUE RUNNER	19,100	1,661	-	-	-	-	-	-
CIGARFISH	1,400	140	-	-	-	-	-	-
CREVALLE	22,200	1,986	-	-	-	-	-	-
CROAKER	22,900	7,325	-	-	-	-	-	-
DRUM:								
BLACK	4,700	761	-	-	-	-	-	-
RED	6,700	2,412	-	-	-	-	-	-
FLOUNDERS, UNCLASSIFIED	20,200	6,751	-	-	-	-	-	-
GOATFISH	5,500	2,191	-	-	-	-	-	-
HERRING, THREAD	57,500	3,315	-	-	-	-	-	-
KING WHITING OR "KINGFISH"	90,300	20,880	-	-	-	-	-	-
MACKEREL, SPANISH	34,400	6,415	-	-	-	-	-	-
MENHADEN	1,500	74	8,991,400	151,955	-	-	-	-
MOJARRA	17,700	1,894	-	-	-	-	-	-
MULLET:								
BLACK (LISA)	52,100	6,845	-	-	-	-	-	-
SILVER	42,000	6,141	-	-	-	-	-	-
POMPANO	18,300	24,305	-	-	-	-		
SEA TROUT OR WEAKFISH:								
GRAY	9,900	2,414	-	-	-	-	-	-
SPOTTED	13,300	6,510	-	-	-	-	-	-
SHEEPSHEAD, SALTWATER	10,200	1,577	-	-	-	-	-	-
SPANISH SARDINE	16,000	1,283	-	-	-	-	-	-
SPOT	20,700	4,124	-	-	-	-	-	-
TILAPIA	461,000	67,645	-	-	-	-	-	-
UNCLASSIFIED:								
FOR FOOD	64,200	16,897	-	-	-	-	921,600	276,480
FOR BAIT, REDUCTION, AND ANIMAL FOOD	114,100	9,091	-	-	-	-	131,600	6,580
TOTAL	1,705,900	301,366	8,991,400	151,955	123,200	37,665	1,153,200	313,260

SPECIES	OTTER TRAWLS - CONTINUED				FYKE AND HOOP NETS, FISH	
	SCALLOP		SHRIMP			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	51,000	6,195	-	-
CATFISH AND BULLHEADS	-	-	6,200	1,974	959,900	302,119
CROAKER	-	-	3,000	948	-	-
EELS, COMMON	-	-	-	-	58,300	28,450
FLOUNDERS, UNCLASSIFIED	-	-	118,100	40,591	-	-
KING WHITING OR "KINGFISH"	-	-	582,100	130,021	-	-
MACKEREL, SPANISH	-	-	400	72	-	-
SEA TROUT OR WEAKFISH:						
GRAY	-	-	27,600	6,717	-	-
SPOTTED	-	-	2,800	1,406	-	-
SPOT	-	-	4,000	852	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	1,200	282	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	86,800	4,831	-	-
CRABS, BLUE, HARD	-	-	33,500	7,548	-	-
SHRIMP	-	-	3,040,400	4,812,643	-	-
SCALLOPS, CALICO	462,500	398,111	-	-	-	-
SQUID	-	-	3,700	597	-	-
TOTAL	426,500	398,111	3,960,800	5,014,677	1,018,200	330,569

SPECIES	POTS AND TRAPS							
	CRAB				EEL		FISH	
	BLUE		OTHER					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS	-	-	-	-	-	-	2,839,200	871,634
EELS, COMMON	-	-	-	-	175,100	85,408	-	-
CRABS:								
BLUE:								
HARD	3,989,900	722,219	600	282	-	-	-	-
SOFT AND PEELER	200	193	-	-	-	-	-	-
STONE	3,000	1,903	27,300	30,919	-	-	-	-
TOTAL	3,993,100	724,315	27,900	31,201	175,100	85,408	2,839,200	871,634

(CONTINUED ON NEXT PAGE)

FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POTS AND TRAPS - CONTD.		GILL NETS			
	LOBSTER, SPINY		ANCHOR, SET, OR STAKE		DRIFT, SHAD	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CROAKER	-	-	3,000	948	-	-
SEA TROUT OR WEAKFISH:						
GRAY	-	-	600	148	-	-
SPOTTED	-	-	700	351	-	-
SHAD	-	-	22,600	6,792	5,000	1,500
LOBSTERS, SPINY	946,100	1,662,369	-	-	-	-
TOTAL	946,100	1,662,369	26,900	8,239	5,000	1,500

SPECIES	GILL NETS - CONTINUED		TRAMMEL NETS		LINES	
	RUNAROUND				HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	600	138	-	-	-	-
AMBERJACK	-	-	-	-	63,700	7,138
ANGELFISH	5,600	618	-	-	700	76
BLUEFISH	654,500	115,849	-	-	41,200	7,104
BLUE RUNNER	35,800	3,516	-	-	11,900	1,077
CABIO	-	-	-	-	13,100	4,456
CATFISH AND BULLHEADS	-	-	-	-	2,700	598
CREVALLE	42,400	3,973	700	97	31,300	2,771
CROAKER	33,000	10,586	-	-	16,500	5,267
DOLPHINFISH	700	272	-	-	700	251
DRUM:						
BLACK	40,500	5,311	-	-	75,600	9,325
RED	76,400	26,828	600	202	22,300	6,566
FLOUNDERS, UNCLASSIFIED	2,100	860	-	-	400	197
GOATFISH	90,600	33,824	-	-	-	-
GROUPERS	-	-	-	-	747,100	382,088
GRUNTS	-	-	-	-	24,200	4,198
JEWFISH	-	-	-	-	53,200	17,751
KING WHITING OR "KINGFISH"	85,100	21,939	-	-	10,700	2,935
MACKEREL:						
KING	2,068,700	1,077,915	-	-	109,700	56,762
SPANISH	8,731,400	1,620,386	-	-	195,400	36,025
MENHADEN	1,138,400	45,951	-	-	-	-
MOJARRA	101,300	11,421	-	-	6,700	794
MULLET:						
BLACK (LISA)	1,818,200	246,445	51,900	6,716	-	-
SILVER	253,800	36,638	-	-	-	-
PERMIT	-	-	-	-	7,100	1,960
PIGFISH	5,100	465	-	-	100	21
POMPANO	308,700	439,507	95,700	129,571	21,500	30,870
SCUP OR PORGY	-	-	-	-	101,900	38,766
SEA BASS, BLACK	-	-	-	-	74,700	24,881
SEA CATFISH	39,500	1,920	3,000	120	2,700	148
SEA TROUT OR WEAKFISH:						
GRAY	39,900	10,619	-	-	8,100	1,988
SPOTTED	455,300	209,975	10,900	4,953	43,100	20,313
SHARKS, UNCLASSIFIED	-	-	-	-	6,500	627
SHEEPSHEAD, SALTWATER	181,200	28,836	1,100	204	39,500	5,766
SNAPPERS:						
LANE	-	-	-	-	7,900	5,593
MANGROVE	1,300	641	-	-	87,300	50,821
MUTTON	-	-	-	-	122,100	108,377
RED	-	-	-	-	487,900	606,546
VERMILION	-	-	-	-	148,700	137,772
YELLOWTAIL	-	-	-	-	55,400	45,715
SPOT	486,200	98,938	-	-	23,100	4,723
TENPOUNDER	400	15	-	-	500	34
TILEFISH	-	-	-	-	149,300	65,042
TRIGGERFISH	-	-	-	-	21,700	4,509
TRIPLETAIL	-	-	-	-	2,600	503
WAHOO	-	-	-	-	4,400	2,092
WARSAW	-	-	-	-	27,400	11,608
UNCLASSIFIED:						
FOR FOOD	187,100	25,239	-	-	44,200	7,376
FOR BAIT, REDUCTION, AND ANIMAL FOOD	113,100	6,319	-	-	-	-
TOTAL	16,996,900	4,084,944	163,900	141,863	2,914,800	1,721,430

(CONTINUED ON NEXT PAGE)

FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	LINES - CONTINUED				CAST NETS	
	TROLL		LONG OR SET WITH HOOKS			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	2,400	326	-	-	-	-
BARRACUDA	2,200	262	-	-	-	-
BLUEFISH	53,000	9,239	-	-	-	-
BLUE RUNNER	500	57	-	-	-	-
BONITO	21,100	2,634	-	-	-	-
CATFISH AND BULLHEADS	-	-	5,558,600	1,709,771	-	-
DOLPHINFISH	25,100	9,313	-	-	-	-
MACKEREL:						
KING	2,642,500	1,403,591	-	-	-	-
SPANISH	627,000	115,749	-	-	-	-
MULLET:						
BLACK (LISA)	-	-	-	-	6,900	998
SILVER	-	-	-	-	400	92
SEA TROUT OR WEAKFISH:						
GRAY	2,800	735	-	-	-	-
SPOTTED	5,600	2,572	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	39,700	4,019	-	-
SPANISH SARDINE	-	-	-	-	100	26
SWORDFISH	-	-	262,200	355,281	-	-
TILAPIA	-	-	-	-	1,383,000	202,933
TILEFISH	-	-	1,600	703	-	-
TRIPLETAIL	-	-	-	-	900	172
UNCLASSIFIED, FOR FOOD	-	-	-	-	9,900	958
TURTLES, SOFT-SHELL	-	-	62,800	10,861	-	-
TOTAL	3,382,200	1,544,478	5,924,900	2,080,635	1,401,200	205,179

SPECIES	TONGS, OYSTER		HOOKS, SPONGE		DIVING OUTFITS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
LOBSTERS, SPINY	-	-	-	-	37,200	65,600
OYSTERS, MARKET:						
PUBLIC:						
SPRING	9,000	9,852	-	-	-	-
FALL	3,600	3,852	-	-	-	-
PRIVATE, SPRING	13,100	14,094	-	-	-	-
SPONGES:						
GRASS	-	-	4,000	10,078	-	-
SHEEPSWOOL	-	-	6,500	46,231	-	-
YELLOW	-	-	5,200	15,830	-	-
TOTAL	25,700	27,798	15,700	72,139	37,200	65,600

SPECIES	BY HAND			
	OYSTER		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS
LOBSTERS, SPINY	-	-	4,000	5,927
CLAMS, HARD, PUBLIC	-	-	60,800	77,338
OYSTERS, MARKET:				
PUBLIC:				
SPRING	15,100	15,455	-	-
FALL	21,300	21,726	-	-
PRIVATE:				
SPRING	31,500	31,619	-	-
FALL	18,200	17,669	-	-
TOTAL	86,100	86,469	64,800	83,265

NOTE:--INCLUDES LANDINGS FOR THE INLAND LAKES OF FLORIDA.

SOUTH ATLANTIC FISHERIES

SUPPLEMENTARY TABLES

FLORIDA - OPERATING UNITS BY DISTRICTS, 1976

ITEM	EAST COAST	WEST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER		
FISHERMEN:			
ON VESSELS:			
FULL-TIME	824	4,675	5,242
PART-TIME	-	201	201
ON BOATS AND SHORE:			
FULL-TIME	1,494	2,078	3,572
PART-TIME	914	1,622	2,536
TOTAL	3,232	8,576	11,551
VESSELS, MOTOR.	300	1,753	1,954
GROSS TONNAGE	14,831	91,811	100,017
BOATS:			
MOTOR	1,654	2,601	4,255
OTHER	16	10	26
GEAR:			
HAUL SEINES, COMMON . . .	37	49	86
PURSE SEINES:			
MENHADEN.	2	-	2
OTHER	3	9	12
OTTER TRAWLS:			
FISH.	185	10	195
SCALLOP	30	100	112
SHRIMP.	351	2,232	2,449
FYKE AND HOOP NETS, FISH.	2,995	-	2,995
POTS AND TRAPS:			
CRAB:			
BLUE.	15,680	38,930	54,610
OTHER	4,750	224,351	229,101
EEL	225	10	235
FISH.	6,000	400	6,400
LOBSTER, SPINY.	31,500	314,500	344,550
GILL NETS:			
ANCHOR, SET, OR STAKE .	3	1	4
DRIFT:			
SHAD.	1	-	1
OTHER	-	1	1
RUNAROUND	343	1,001	1,340
TRAMMEL NETS.	70	393	463
LINES:			
HAND.	1,258	3,036	4,292
TROLL	565	837	1,402
LONG OR SET WITH HOOKS.	1,031	65	1,093
DIP NETS, COMMON.	-	5	5
CAST NETS	45	13	58
SPEARS.	-	57	57
DREDGES, SCALLOP, BAY . .	-	71	71
TONGS, OYSTER	7	398	405
HOOKS, SPONGE	7	3	10
DIVING OUTFITS:			
SPONGE.	-	4	4
OTHER	4	-	4

NOTE:--OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA ARE INCLUDED WITH THE DATA FOR THE EAST COAST OF FLORIDA.

FLORIDA - LANDINGS BY DISTRICTS, 1976

SPECIES	EAST COAST		WEST COAST		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	1	(1)	125	9	126	9
AMBERJACK	66	7	96	10	162	17
ANGELFISH	6	1	6	(1)	12	1
BALLYHOO	123	38	140	43	263	81
BARRACUDA	2	(1)	1	(1)	3	(1)
BLUEFISH	1,380	237	528	56	1,908	293
BLUE RUNNER	67	6	1,092	126	1,159	132
BONITO	21	3	123	7	144	10
CABIO	13	4	104	21	117	25
CATFISH AND BULLHEADS	9,467	2,916	51	19	9,518	2,935
CIGARFISH	1	(1)	771	115	772	115
CREVALLE	97	9	1,630	133	1,727	142
CROAKER	78	25	1,027	179	1,105	204
DOLPHINFISH	26	10	84	23	110	33
DRUM:						
BLACK	121	15	27	3	148	18
RED	106	36	905	233	1,011	269
EELS, COMMON	233	114	1	(1)	234	114
FLOUNDERS, UNCLASSIFIED	141	48	233	80	374	128
GOATFISH	96	36	-	-	96	36
GROUPERS	747	382	6,657	3,157	7,404	3,539
GRUNTS	24	4	207	41	231	45
HERRING, THREAD	58	3	286	12	344	15
HOGFISH	-	-	16	6	16	6
JEWFISH	53	18	185	23	238	41
KING WHITING OR "KINGFISH"	768	176	103	12	871	188
MACKEREL:						
KING	4,821	2,539	2,801	891	7,622	3,430
SPANISH	9,589	1,779	7,783	1,360	17,372	3,139
MENHADEN	10,131	198	722	28	10,853	226
MOJARRA	126	14	134	20	260	34
MULLET:						
BLACK (LISA)	1,929	261	16,752	2,790	18,681	3,051
SILVER	296	43	746	136	1,042	179
PERMIT	7	2	162	43	169	45
PIGFISH	5	(1)	7	1	12	1
POMPANO	444	624	948	1,267	1,392	1,891
SCUP OR PORGY	102	39	120	32	222	71
SEA BASS, BLACK	75	25	50	10	125	35
SEA CATFISH	45	2	45	4	90	6
SEA TROUT OR WEAKFISH:						
GRAY	89	23	-	-	89	23
SPOTTED	532	246	2,282	1,055	2,814	1,301
WHITE	-	-	144	23	144	23
SHAD	28	8	1	(1)	29	8
SHARKS, UNCLASSIFIED	46	5	42	4	88	9
SHEEPSHEAD, SALTWATER	232	36	261	37	493	73
SNAPPERS:						
LANE	8	6	47	21	55	27
MANGROVE	89	52	598	210	687	262
MUTTON	122	108	237	143	359	251
RED	488	607	4,024	3,914	4,512	4,521
VERMILION	149	138	280	194	429	332
YELLOWTAIL	55	46	922	704	977	750
SPANISH SARDINES	16	1	1,440	118	1,456	119
SPOT	534	109	74	9	608	118
STURGEON, COMMON	-	-	6	1	6	1
SWORDFISH	262	355	391	816	653	1,171
TENPOUNDER	1	(1)	2,660	128	2,661	128
TILAPIA	1,844	270	-	-	1,844	270
TILEFISH	151	66	53	16	204	82
TRIGGERFISH	22	5	84	12	106	17
TRIPLETAIL	4	1	(1)	(1)	4	1
WAHOO	4	2	1	(1)	5	2
WARSAW	27	12	147	39	174	51
UNCLASSIFIED:						
FOR FOOD	1,228	327	1,486	242	2,714	569
FOR BAIT, REDUCTION, AND ANIMAL FOOD	446	26	560	32	1,006	58
TOTAL FISH	47,642	12,063	60,408	18,608	108,050	30,671

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

FLORIDA - LANDINGS BY DISTRICTS, 1976 - Continued

SPECIES	EAST COAST		WEST COAST		TOTAL	
SHELLFISH ET AL.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CRABS:						
BLUE:						
HARD	4,024	730	12,048	1,966	16,072	2,696
SOFT AND PEELER	(1)	(1)	-	-	(1)	(1)
STONE	30	33	2,451	2,195	2,481	2,228
TOTAL CRABS	4,054	763	14,499	4,161	18,553	4,924
LOBSTERS:						
SLIPPER	-	-	11	11	11	11
SPINY	987	1,734	4,358	6,852	5,345	8,586
SHRIMP	3,040	4,812	26,812	36,842	29,852	41,654
CLAMS, HARD, PUBLIC	61	77	-	-	61	77
CONCHS	-	-	2	2	2	2
OYSTERS, MARKET:						
PUBLIC:						
SPRING	24	25	2,598	1,659	2,622	1,684
FALL	25	26	4	5	29	31
PRIVATE:						
SPRING	45	46	-	-	45	46
FALL	18	18	-	-	18	18
TOTAL OYSTERS	112	115	2,602	1,664	2,714	1,779
SCALLOPS:						
BAY	-	-	14	24	14	24
CALICO	426	398	1,842	1,223	2,268	1,621
SQUID	4	1	50	10	54	11
TURTLES, SOFT-SHELL	63	11	-	-	63	11
SPONGES:						
GRASS	4	10	1	2	5	12
SHEEPSWOOL	7	46	5	48	12	94
YELLOW	5	16	1	2	6	18
TOTAL SHELLFISH ET AL.	8,763	7,983	50,197	50,841	58,960	58,824
GRAND TOTAL	56,405	20,046	110,605	69,449	167,010	89,495

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--LANDINGS TAKEN FROM THE INLAND LAKES ARE INCLUDED WITH THE EAST COAST OF FLORIDA. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO DADE, INCLUSIVE, WHILE THE "WEST COAST OF FLORIDA" INCLUDES THOSE FROM MONROE TO ESCAMBIA, INCLUSIVE.

SOUTH ATLANTIC SHRIMP FISHERY
SUMMARY OF SHRIMP LANDINGS, 1976

SIZE	BROWN		PINK		WHITE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
UNDER 15.	-	-	-	-	768	2,782
15 - 20	27,337	102,579	6,486	23,846	27,462	99,634
21 - 25	382,599	1,143,034	2,283	9,144	991,345	3,615,931
26 - 30	605,524	1,596,345	21,936	76,779	1,813,445	5,772,281
31 - 40	1,813,628	4,016,268	56,587	140,872	2,203,164	5,462,303
41 - 50	1,587,901	2,804,166	305,594	600,691	1,321,575	2,400,076
51 - 67	1,337,210	1,731,635	576,335	939,938	2,047,724	2,963,326
68 AND OVER	240,479	235,035	165,184	160,266	925,891	839,312
TOTAL	5,994,678	11,629,062	1,134,405	1,951,536	9,331,374	21,155,645

SIZE -	ROYAL RED		ROCK 1/		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
UNDER 15.	-	-	-	-	768	2,782
15 - 20	-	-	-	-	61,285	226,059
21 - 25	1,021	3,378	-	-	1,377,248	4,771,487
26 - 30	2,294	6,653	-	-	2,443,199	7,452,058
31 - 40	1,116	2,827	-	-	4,074,495	9,622,270
41 - 50	3,623	7,306	-	-	3,218,693	5,812,239
51 - 67	2,520	3,866	-	-	3,963,789.	5,638,765
68 AND OVER	-	-	151,067	146,489	1,482,621	1,381,102
TOTAL	10,574	24,030	151,067	146,489	16,622,098	34,906,762

1/ NOT MARKETED BY COUNT SIZE.

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS AND ARE NOT DIRECTLY COMPARABLE WITH THE VOLUME DATA PUBLISHED IN THE GENERAL REVIEW AND REGIONAL TABLES, WHICH REPRESENT THE ROUND WEIGHT OF THE CATCH. THE POUNDS OF HEADS-OFF SHRIMP MAY BE CONVERTED TO HEADS-ON (ROUND) WEIGHT BY MULTIPLYING BROWN SHRIMP BY 1.61, PINK BY 1.60, WHITE BY 1.54, ROYAL RED BY 1.80, AND ROCK BY 1.67.

SOUTH ATLANTIC SHRIMP LANDINGS, BY SPECIES AND SIZE, 1976

SPECIES AND SIZE	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BROWN:						
15 - 20	-	-	533	1,618	1,873	6,743
21 - 25	303,130	858,848	6,497	23,818	2,364	7,445
26 - 30	529,432	1,368,416	26,753	85,053	30,517	82,382
31 - 40	1,137,163	2,366,706	286,181	733,194	340,876	792,939
41 - 50	551,926	954,270	500,679	912,204	487,721	847,707
51 - 67	249,530	353,114	742,345	928,245	286,118	351,488
68 AND OVER	17,489	26,765	153,163	124,899	20,201	16,363
TOTAL	2,788,670	5,928,119	1,716,151	2,809,031	1,169,670	2,105,067
PINK:						
21 - 25	-	-	2,181	8,812	-	-
26 - 30	9,580	28,790	12,356	47,989	-	-
31 - 40	52,696	129,193	3,052	9,531	-	-
41 - 50	304,597	598,762	336	718	-	-
51 - 67	574,164	936,888	1,553	2,107	-	-
68 AND OVER	164,850	159,888	264	308	-	-
TOTAL	1,105,887	1,853,521	19,742	69,465	-	-
WHITE:						
UNDER 15.	-	-	-	-	608	2,286
15 - 20	-	-	1,680	6,875	7,995	29,286
21 - 25	2,300	8,625	179,664	697,479	426,550	1,598,322
26 - 30	2,675	9,095	575,529	1,965,281	912,214	2,847,171
31 - 40	768	2,112	958,281	2,484,474	872,058	2,056,593
41 - 50	37,319	66,735	550,258	1,039,666	593,359	1,024,029
51 - 67	206,007	303,187	1,035,186	1,523,528	645,111	891,898
68 AND OVER	-	-	503,736	448,181	365,786	324,093
TOTAL	249,069	389,754	3,804,334	8,165,484	3,823,681	8,773,678
GRAND TOTAL	4,143,626	8,171,394	5,540,227	11,043,980	4,993,351	10,878,745

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC SHRIMP LANDINGS, BY SPECIES AND SIZE, 1976 - Continued

SPECIES AND SIZE	FLORIDA, EAST COAST		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BROWN:				
15 - 20	24,931	94,218	27,337	102,579
21 - 25	70,608	252,923	382,599	1,143,034
26 - 30	18,822	60,494	605,524	1,596,345
31 - 40	49,408	123,429	1,813,628	4,016,268
41 - 50	47,575	89,985	1,587,901	2,804,166
51 - 67	59,217	98,788	1,337,210	1,731,635
68 AND OVER	49,626	67,008	240,479	235,035
TOTAL	320,187	786,845	5,994,678	11,629,062
PINK:				
15 - 20	6,486	23,846	6,486	23,846
21 - 25	102	332	2,283	9,144
26 - 30	-	-	21,936	76,779
31 - 40	839	2,148	56,587	140,872
41 - 50	661	1,211	305,594	600,691
51 - 67	618	943	576,335	939,938
68 AND OVER	70	70	165,184	160,266
TOTAL	8,776	28,550	1,134,405	1,951,536
WHITE:				
UNDER 15	160	496	768	2,782
15 - 20	17,787	63,473	27,462	99,634
21 - 25	382,831	1,311,505	991,345	3,615,931
26 - 30	323,027	950,734	1,813,445	5,772,281
31 - 40	372,057	919,124	2,203,164	5,462,303
41 - 50	140,639	269,646	1,321,575	2,400,076
51 - 67	161,420	244,713	2,047,724	2,963,326
68 AND OVER	56,369	67,038	925,891	839,312
TOTAL	1,454,290	3,826,729	9,331,374	21,155,645
ROYAL RED:				
21 - 25	1,021	3,378	1,021	3,378
26 - 30	2,294	6,653	2,294	6,653
31 - 40	1,116	2,827	1,116	2,827
41 - 50	3,623	7,306	3,623	7,306
51 - 67	2,520	3,866	2,520	3,866
TOTAL	10,574	24,030	10,574	24,030
ROCK, 68 AND OVER	151,067	146,489	151,067	146,489
GRAND TOTAL	1,944,894	4,812,643	16,622,098	34,906,762

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON WEIGHT MULTIPLY BY 1.61 FOR BROWN, 1.60 FOR PINK, 1.54 FOR WHITE, 1.80 FOR ROYAL RED, AND 1.67 FOR ROCK. THE STATES LISTED REPRESENT THE STATES WHERE THE SHRIMP WERE LANDED REGARDLESS OF WHERE CAUGHT. THE NAMES OF THE SPECIES USED IN THESE TABLES ARE AS FOLLOWS: BROWN SHRIMP (MOSTLY *PENAEUS AZTECUS*), PINK SHRIMP (MOSTLY *PENAEUS DUORARUM*), WHITE SHRIMP (MOSTLY *PENAEUS SETIFERUS*), ROYAL RED SHRIMP (MOSTLY *HYMENOPENAEUS ROBUSTUS*), AND ROCK SHRIMP (MOSTLY *SICYONIA* SPP.). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSELS FOR THE FIRST SALE AT THE DOCK. ANY EXPENSES INVOLVED IN HANDLING OR PROCESSING ASHORE ARE NOT INCLUDED, EVEN THOUGH CHARGEABLE TO THE VESSELS. THE SIZE REPORTED GENERALLY IS THAT USED AS OF THE FIRST SALE. SIZE GRADING IN VARYING DEGREES OF UNIFORMITY MAY OR MAY NOT OCCUR AT, OR PRIOR TO, THE TIME FIRST SALES ARE MADE. IF GRADING IS NOT DONE AT THIS TIME, THE SIZE REPORTED IS AN AVERAGE SIZE AND MAY INCLUDE SEVERAL SIZE CLASSIFICATIONS.

SECTION 6 - GULF FISHERIES

Commercial fishery landings at ports in the Gulf States (West Coast of Florida, Alabama, Mississippi, Louisiana, and Texas) were 1.7 billion pounds worth a record $386.4 million—increases of 5 percent in quantity and 43 percent in value over 1975. Landings of several major species such as menhaden, shrimp, and oysters increased in volume. Among the important species that declined in volume were croaker, black mullet, and hard blue crabs.

Louisiana led in volume of landings with 1.2 billion pounds (70 percent); followed by Mississippi with 288.2 million (17 percent); Florida, West Coast, 110.6 million (6 percent); Texas, 93.4 million (5 percent); and Alabama, 31.8 million pounds (2 percent). Compared with 1975, landings increased in Louisiana and Texas, but declined in Florida, West Coast, Alabama, and Mississippi. The value of landings increased in all States.

Fishermen and vessels. In 1976, 28,068 full-time and part-time fishermen operated 5,193 vessels of net tons or more, 9,982 motorboats, and 54 other boats not powered by a motor. Compared with 1975, this was an increase of 1,508 fishermen and 523 vessels, but a decrease of 160 motorboats and 7 other boats.

Processed products. The value of processed fishery products was $661.9 million, an increase of $243.7 million (58 percent) compared with 1975. Frozen packaged items were 70 percent of the total value of processed products—up 69 percent over 1975. Fresh processed items increased 45 percent in value; canned, 57 percent; and industrial, 23 percent. Cured products were down 7 percent. The value of processed products increased in all States. Louisiana led with products valued at $191.3 million (up 43 percent); followed by Florida, West Coast, $172.5 million (up 57 percent); Texas, $151.2 million (up 100 percent); Mississippi, $73.7 million (up 26 percent); and Alabama, $73.1 million, (up 78 percent). The Gulf States had a monthly average of 12,145 persons employed in 726 wholesaling and processing plants in 1976.

Hard blue crabs. Landings of 36.6 million pounds valued at a record $6.8 million declined 6 percent in volume, but increased 23 percent in value compared with 1975. Florida, West Coast landings were 12.0 million pounds (down 6 percent); Alabama, 1.3 million (down 21 percent); and Louisiana, 15.2 million pounds (down 11 percent). Mississippi had landings of 1.3 million pounds (up 17 percent), and Texas had 6.7 million pounds (up 11 percent). Landings in Alabama were the lowest since 1963. A low fall production of local crabs in Alabama was partially offset by dealers trucking crabs from out-of-State.

Food finfish. The toal volume of food finfish was 96.6 million pounds in 1976—down 6 percent from the previous year. Landings of black mullet (18.6 million pounds) declined 27 percent; croaker (8.2 million), 36 percent; groupers (6.9 million), 5 percent; red snapper (7.1 million), 9 percent; and spotted sea trout (5.9 million pounds), 6 percent. Landings of croaker were 38 percent below the average for the previous 5 years. Landings of black mullet were the lowest since 1908, and landings of red snapper were the lowest since 1951. Among the species that increased in volume were catfish and bullheads (6.9 million pounds), up 14 percent; red drum (a record 5.3 million), 21 percent; and spanish mackerel (8.3 million pounds), 36 percent.

Spiny lobster. Landings of 4.4 million pounds valued at $6.9 million were down 731,000 pounds, but up $15,000 compared with 1975. This was the lowest production since 1968. The entire catch was landed at Florida, West Coast ports. Fishermen received an average price of $1.57 per pound—23 cents more than in 1975.

Menhaden. Landings of 1.2 billion pounds worth $44.0 million were up 3 percent in volume and 24 percent in value over 1975. Menhaden was 85 percent of the finfish production in the Gulf. Louisiana led with landings of 1.1 billion pounds—85 percent of the total harvest. Mississippi was next with landings of 180.2 million pounds (14 percent), followed by Florida, West Coast with 722,000 pounds (1 percent). No menhaden were landed in Alabama and Texas. Poor weather in the early part of the season held down landings in the Gulf. Age-1 menhaden dominated the catch (65 to 76 percent), as they did in 1974 and 1975. Fishing effort in the purse seine fishery increased; 82 vessels operated in 1976—20 more than in 1975.

Oysters. The production of 21.6 million pounds of shucked oyster meats valued at $16.1 million increased 12 percent in volume and 48 percent in value over 1975. The harvest was the best since 1968 and 23 percent above the 1971-75 average. Compared with 1975, landings in Florida, West Coast were 2.6 million pounds (up 22 percent); Alabama, 1.2 million (up 94 percent); Mississippi, 1.5 million (up 40 percent); and Texas, 3.9 million pounds (up 121 percent). In Louisiana, landings of 12.3 million pounds were down 10 percent from the record production in 1975. Louisiana had 57 percent of the total oyster production in the Gulf compared with 71 percent in 1975. The canned oyster pack in Louisiana, mostly oysters taken from State-owned reefs, was 66 percent below 1975.

GULF FISHERIES

Shrimp. Landings were 210.2 million pounds valued at a record $275.2 million--increases of 24 percent in volume and 54 percent in value over 1975. Gulf States had 52 percent of the total production and 83 percent of the total value in the United States. Despite closing of Mexican waters to the shrimp fleet in 1976, high landings of all species of shrimp were recorded at Gulf ports during the year. Low rainfall, high salinities, and lack of cold spells provided an excellent year for shrimp production.

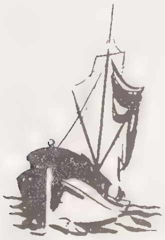
Landings increased in all States except Florida, West Coast. Alabama with 18.7 million pounds increased 33 percent; Mississippi, 7.6 million, 87 percent; Louisiana, 82.4 million, 55 percent; and Texas, 74.8 million pounds, 6 percent. Florida, West Coast landings were 26.8 million pounds--down 5 percent from 1975.

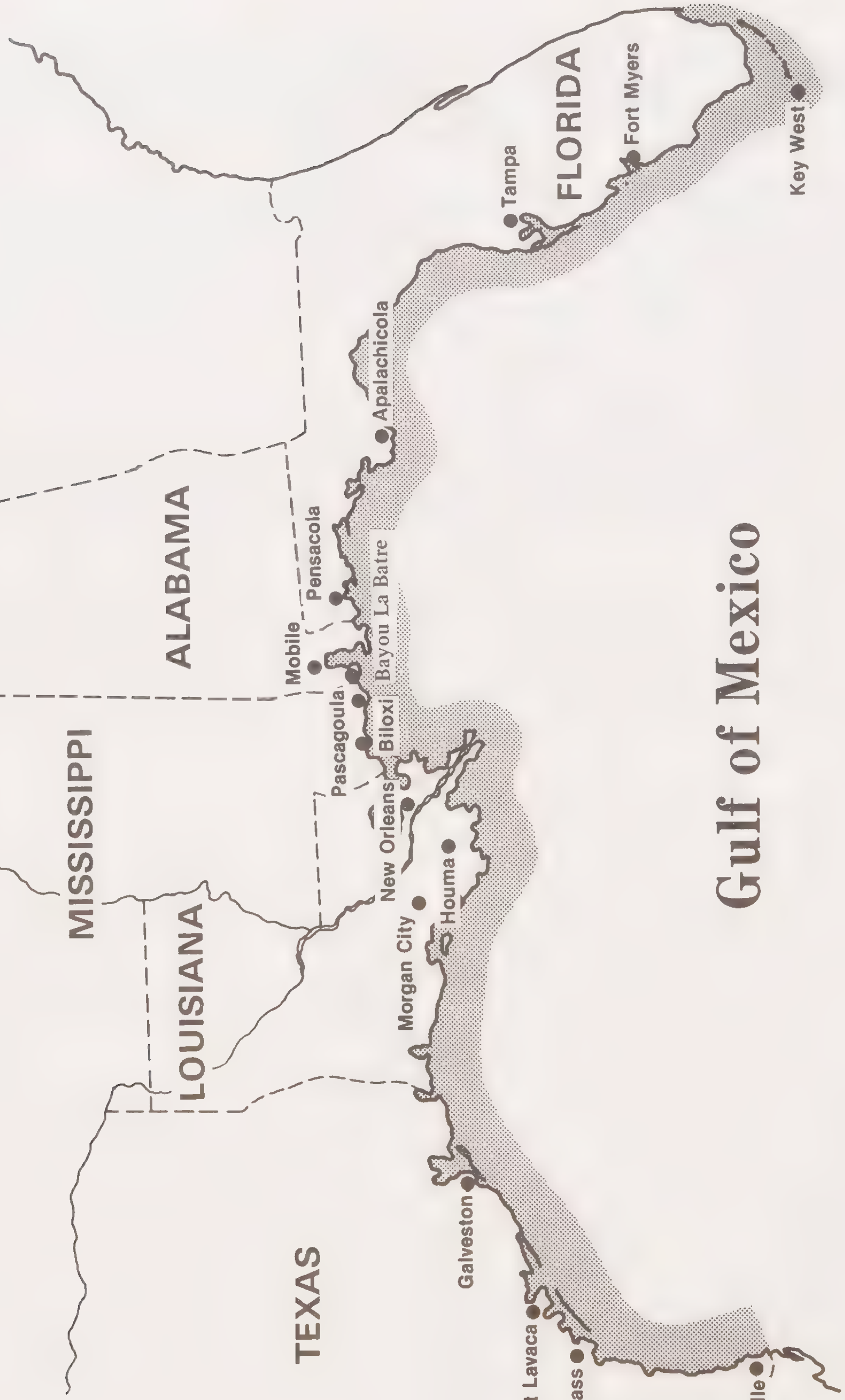
In 1976, fishing grounds from the Mississippi River to Texas produced 48 percent of the shrimp brought into ports along the Gulf; the Texas Coast, 28 percent; Pensacola to Mississippi River, 10 percent; Sanibel to Tortugas, 8 percent; Apalachicola area, 3 percent; and the high seas off foreign coast, 3 percent.

Brown shrimp were 60 percent of the landings, white shrimp, 28 percent, pink shrimp, 11 percent; and sea bobs, royal red, and rock shrimp together, 1 percent.

Other information. Condensed Summary data on the operating units and landings, by states, appearing in the following pages have been published previously in Current Fishery Statistics No. 7704. Additional data may be found in the monthly and annual landings bulletins for Florida, Alabama, Mississippi, Louisiana, and Texas published in the Current Fishery Statistics series by the Resource Statistics Division in cooperation with the respective States.

Acknowledgments. The following organizations helped collect the data appearing in this section: Florida, Department of Natural Resources, Alabama Department of Conservation and Natural Resources, Mississippi Marine Conservation Commission, Louisiana Wild Life and Fisheries Commission, and Texas Parks and Wildlife Deparment.




FLORIDA
Tampa
Fort Myers
Key West
Apalachicola
ALABAMA
Pensacola
Mobile
Bayou La Batre
Pascagoula
Biloxi
MISSISSIPPI
New Orleans
Houma
Morgan City
LOUISIANA
TEXAS
Galveston
Port Lavaca
Aransas Pass
Brownsville
Gulf of Mexico

GULF STATES

GULF FISHERIES

SECTIONAL SUMMARIES

LANDINGS BY STATES, 1976

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
FLORIDA, WEST COAST	60	19	50	51	111	69
ALABAMA	11	2	21	32	32	34
MISSISSIPPI	278	11	10	10	288	21
LOUISIANA	1,107	43	112	93	1,219	135
TEXAS	8	3	85	124	93	127
TOTAL	1,464	77	279	309	1,743	386

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING. FOR THE PURPOSE OF THIS REPORT THE "WEST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM MONROE TO ESCAMBIA, INCLUSIVE.

SUMMARY OF OPERATING UNITS, 1976

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	4,675	1,386	1,518	5,639	5,303	14,928
PART-TIME	201	-	6	-	12	219
ON BOATS AND SHORE:						
FULL-TIME	2,078	397	450	4,094	960	7,979
PART-TIME	1,622	140	459	2,427	294	4,942
TOTAL	8,576	1,923	2,433	12,160	6,569	28,068
VESSELS, MOTOR.	1,753	521	491	1,837	1,923	5,193
GROSS TONNAGE	91,811	35,838	25,820	119,729	123,219	295,779
BOATS:						
MOTOR	2,601	467	879	4,986	1,055	9,982
OTHER	10	43	-	1	-	54
GEAR:						
HAUL SEINES, COMMON . . .	49	-	-	9	25	83
PURSE SEINES:						
MENHADEN.	-	-	13	71	-	78
OTHER	9	-	1	-	-	10
BUTTERFLY NETS.	-	-	-	1,039	-	1,039
OTTER TRAWLS:						
FISH.	10	-	36	18	-	52
SCALLOP	100	-	-	-	-	100
SHRIMP.	2,232	1,059	1,093	6,585	4,412	13,028
FYKE AND HOOP NETS, FISH .	-	-	-	23,475	-	23,475
POTS AND TRAPS:						
CRAB:						
BLUE.	38,930	10,650	2,950	144,014	23,375	219,919
OTHER	224,351	-	-	-	-	224,351
CRAWFISH.	-	-	-	37,680	-	37,680
EEL	10	-	-	-	-	10
FISH.	400	-	-	2,345	-	2,745
LOBSTER, SPINY.	314,500	-	-	-	-	314,500
GILL NETS:						
ANCHOR, SET, OR STAKE .	1	-	-	219	40	260
DRIFT	1	-	2	-	-	3
RUNAROUND	1,001	14	23	93	-	1,130
TRAMMEL NETS.	393	82	11	136	125	747
LINES:						
HAND.	3,036	99	157	141	329	3,670
TROLL	837	-	-	-	-	837
LONG OR SET WITH HOOKS.	65	-	-	1,257	175	1,497
TROT WITH BAITS	-	-	-	95	-	95
DIP NETS, COMMON.	5	-	-	8	-	13
CAST NETS	13	-	-	-	-	13
SPEARS.	57	26	-	-	-	83
DREDGES:						
OYSTER, COMMON.	-	-	167	821	256	1,203
SCALLOP, BAY.	71	-	-	-	-	71
TONGS, OYSTER	398	288	494	95	2	1,277
BRUSH TRAPS	-	-	-	42,500	-	42,500
FROG GRABS.	-	-	-	17	-	17
HOOKS, SPONGE	3	-	-	-	-	3
DIVING OUTFITS, SPONGE. .	4	-	-	-	-	4

NOTE:--FOR THE PURPOSE OF THIS REPORT THE "WEST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM MONROE TO ESCAMBIA, INCLUSIVE.

LANDINGS BY STATES, 1976

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	125	9	-	-	-	-
AMBERJACK	96	10	-	-	-	-
ANGELFISH	6	(1)	-	-	-	-
BALLYHOO	140	43	-	-	-	-
BARRACUDA	1	(1)	-	-	-	-
BLUEFISH	528	56	2	(1)	66	8
BLUE RUNNER	1,092	126	-	-	47	5
BONITO	123	7	-	-	-	-
CABIO	104	21	6	(1)	-	-
CATFISH AND BULLHEADS	51	19	1	(1)	-	-
CIGARFISH	771	115	-	-	-	-
CREVALLE	1,630	133	-	-	61	5
CROAKER	1,027	179	6,314	874	421	61
DOLPHINFISH	84	23	-	-	-	-
DRUM:						
BLACK	27	3	19	1	48	3
RED	905	233	67	9	95	17
EELS, COMMON	1	(1)	-	-	-	-
FLOUNDERS, UNCLASSIFIED	233	80	803	196	81	19
GROUPERS	6,657	3,157	76	24	96	32
GRUNTS	207	41	-	-	-	-
HERRING, THREAD	286	12	-	-	6,713	255
HOGFISH	16	6	-	-	-	-
JEWFISH	185	23	16	3	-	-
KING WHITING OR "KINGFISH"	103	12	137	16	164	18
MACKEREL:						
KING	2,801	891	-	-	-	-
SPANISH	7,783	1,360	45	5	379	82
MENHADEN	722	28	-	-	180,152	6,840
MOJARRA	134	20	-	-	-	-
MULLET:						
BLACK (LISA)	16,752	2,790	865	93	841	94
SILVER	746	136	-	-	-	-
PADDLEFISH	-	-	(1)	(1)	-	-
PERMIT	162	43	-	-	-	-
PIGFISH	7	1	-	-	-	-
POMPANO	948	1,267	14	7	2	2
SCUP OR PORGY	120	32	-	-	-	-
SEA BASS, BLACK	50	10	-	-	-	-
SEA CATFISH	45	4	36	2	42	3
SEA TROUT OR WEAKFISH:						
GRAY	-	-	8	1	-	-
SPOTTED	2,282	1,055	43	16	178	77
WHITE	144	23	1,336	152	169	20
SHAD	1	(1)	-	-	-	-
SHARKS, UNCLASSIFIED	42	4	-	-	18	3
SHEEPSHEAD, SALTWATER	261	37	179	14	66	6
SNAPPERS:						
LANE	47	21	-	-	-	-
MANGROVE	598	210	-	-	-	-
MUTTON	237	143	-	-	-	-
RED	4,024	3,914	635	388	1,876	1,201
VERMILION	280	194	-	-	-	-
YELLOWTAIL	922	704	-	-	-	-
SPANISH SARDINES	1,440	118	-	-	-	-
SPOT	74	9	20	1	3	(1)
STURGEON, COMMON	6	1	-	-	-	-
SWORDFISH	391	816	-	-	-	-
TENPOUNDER	2,660	128	-	-	-	-
TILEFISH	53	16	-	-	-	-
TRIGGERFISH	84	12	-	-	-	-
TRIPLETAIL	(1)	(1)	-	-	1	(1)
TUNA, LITTLE	-	-	-	-	9	(1)
WAHOO	1	(1)	-	-	-	-
WARSAW	147	39	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	1,486	242	-	-	11	1
FOR BAIT, REDUCTION, AND ANIMAL FOOD	560	32	-	-	86,218	2,555
TOTAL FISH	60,408	18,608	10,622	1,802	277,757	11,307

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
SHELLFISH ET AL.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CRABS:						
BLUE:						
HARD	12,048	1,966	1,299	281	1,335	268
SOFT AND PEELER	-	-	-	-	(1)	(1)
STONE	2,451	2,195	-	-	-	-
TOTAL CRABS	14,499	4,161	1,299	281	1,335	268
LOBSTERS:						
SLIPPER	11	11	-	-	-	-
SPINY	4,358	6,852	-	-	-	-
SHRIMP	26,812	36,842	18,690	30,393	7,551	8,418
CONCHS	2	2	-	-	-	-
OYSTERS, MARKET, PUBLIC:						
SPRING	2,598	1,659	347	315	904	506
FALL	4	5	889	840	612	509
TOTAL OYSTERS	2,602	1,664	1,236	1,155	1,516	1,015
SCALLOPS:						
BAY	14	24	-	-	-	-
CALICO	1,842	1,223	-	-	-	-
SQUID	50	10	2	(1)	1	(1)
SPONGES:						
GRASS	1	2	-	-	-	-
SHEEPSWOOL	5	48	-	-	-	-
YELLOW	1	2	-	-	-	-
TOTAL SHELLFISH ET AL.	50,197	50,841	21,227	31,829	10,403	9,701
GRAND TOTAL	110,605	69,449	31,849	33,631	288,160	21,008

SPECIES	LOUISIANA		TEXAS		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	-	-	-	-	125	9
AMBERJACK	-	-	-	-	96	10
ANGELFISH	-	-	-	-	6	(1)
BALLYHOO	-	-	-	-	140	43
BARRACUDA	-	-	-	-	1	(1)
BLUEFISH	2	(1)	-	-	598	64
BLUE RUNNER	-	-	-	-	1,139	131
BONITO	-	-	-	-	123	7
BOWFIN	10	(1)	-	-	10	(1)
BUFFALOFISH	1,116	155	-	-	1,116	155
CABIO	(1)	(1)	27	5	137	26
CARP	100	5	-	-	100	5
CATFISH AND BULLHEADS	6,888	2,401	-	-	6,940	2,420
CIGARFISH	-	-	-	-	771	115
CREVALLE	-	-	-	-	1,691	138
CROAKER	343	45	113	11	8,218	1,170
DOLPHINFISH	-	-	-	-	84	23
DRUM:						
BLACK	579	69	2,091	509	2,764	585
RED	2,212	600	2,029	888	5,308	1,747
EELS, COMMON	-	-	-	-	1	(1)
FLOUNDERS, UNCLASSIFIED	327	96	437	181	1,881	572
GARFISH	387	53	-	-	387	53
GROUPERS	15	3	69	13	6,913	3,229
GRUNTS	-	-	-	-	207	41
HERRING, THREAD	-	-	-	-	6,999	267
HOGFISH	-	-	-	-	16	6
JEWFISH	-	-	-	-	201	26
KING WHITING OR "KINGFISH"	86	9	82	12	572	67
MACKEREL:						
KING	-	-	-	-	2,801	891
SPANISH	135	20	-	-	8,342	1,467
MENHADEN	1,057,077	37,101	-	-	1,237,951	43,969
MOJARRA	-	-	-	-	134	20
MULLET:						
BLACK (LISA)	57	4	52	5	18,567	2,986
SILVER	-	-	-	-	746	136
PADDLEFISH	1	(1)	-	-	1	(1)
PERMIT	-	-	-	-	162	43
PIGFISH	-	-	-	-	7	1
POMPANO	19	24	6	4	989	1,304
SAWFISH	(1)	(1)	-	-	(1)	(1)
SCUP OR PORGY	-	-	-	-	120	32
SEA BASS, BLACK	-	-	-	-	50	10

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	LOUISIANA		TEXAS		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SEA CATFISH	22	2	92	14	237	25
SEA TROUT OR WEAKFISH:						
GRAY	-	-	-	-	8	1
SPOTTED	1,611	714	1,769	796	5,883	2,658
WHITE	75	12	45	19	1,769	226
SHAD	50	3	-	-	51	3
SHARKS, UNCLASSIFIED	48	5	-	-	108	12
SHEEPSHEAD:						
FRESHWATER	264	28	-	-	264	28
SALTWATER	102	9	379	41	987	107
SNAPPERS:						
LANE	-	-	-	-	47	21
MANGROVE	-	-	-	-	598	210
MUTTON	-	-	-	-	237	143
RED	58	39	495	353	7,088	5,895
VERMILION	-	-	-	-	280	194
YELLOWTAIL	-	-	-	-	922	704
SPANISH SARDINES	-	-	-	-	1,440	118
SPOT	16	1	-	-	113	11
STURGEON, COMMON	-	-	-	-	6	1
SWORDFISH	-	-	-	-	391	816
TENPOUNDER	-	-	-	-	2,660	128
TILEFISH	-	-	-	-	53	16
TRIGGERFISH	-	-	-	-	84	12
TRIPLETAIL	1	(1)	-	-	2	(1)
TUNA, LITTLE	-	-	-	-	9	(1)
WAHOO	-	-	-	-	1	(1)
WARSAW	-	-	-	-	147	39
UNCLASSIFIED:						
FOR FOOD	-	-	222	24	1,719	267
FOR BAIT, REDUCTION, AND ANIMAL FOOD	35,122	1,137	191	15	122,091	3,739
TOTAL FISH	1,106,723	42,535	8,099	2,890	1,463,609	77,142
SHELLFISH ET AL.						
CRABS:						
BLUE:						
HARD	15,211	3,061	6,668	1,179	36,561	6,755
SOFT AND PEELER	88	145	-	-	88	145
STONE	-	-	-	-	2,451	2,195
TOTAL CRABS	15,299	3,206	6,668	1,179	39,100	9,095
CRAWFISH, FRESHWATER	1,862	664	-	-	1,862	664
LOBSTERS:						
SLIPPER	-	-	-	-	11	11
SPINY	-	-	-	-	4,358	6,852
SHRIMP	82,355	79,688	74,759	119,881	210,167	275,222
CONCHS	-	-	-	-	2	2
OYSTERS, MARKET:						
PUBLIC:						
SPRING	2,010	1,141	1,767	1,246	7,626	4,867
FALL	1,203	1,144	2,114	1,955	4,822	4,453
PRIVATE:						
SPRING	6,295	4,129	-	-	6,295	4,129
FALL	2,826	2,678	-	-	2,826	2,678
TOTAL OYSTERS	12,334	9,092	3,881	3,201	21,569	16,127
SCALLOPS:						
BAY	-	-	-	-	14	24
CALICO	-	-	-	-	1,842	1,223
TOTAL SCALLOPS	-	-	-	-	1,856	1,247
SQUID	(1)	(1)	20	5	73	15
TURTLES, SNAPPER	1	(1)	-	-	1	(1)
FROGS	5	3	-	-	5	3
SPONGES:						
GRASS	-	-	-	-	1	2
SHEEPSWOOL	-	-	-	-	5	48
YELLOWTAIL	-	-	-	-	1	2
TOTAL SHELLFISH ET AL.	111,856	92,653	85,328	124,266	279,011	309,290
GRAND TOTAL	1,218,579	135,188	93,427	127,156	1,742,620	386,432

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR MOLLUSKS. CONCHS AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS IN WEIGHT OF EDIBLE MEATS. FOR THE PURPOSE OF THIS REPORT THE "WEST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM MONROE TO ESCAMBIA, INCLUSIVE.

LANDINGS OF CERTAIN SHELLFISH, 1976

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
OYSTERS, MARKET, PUBLIC:						
SPRING.	572,313	1,659,480	54,853	315,399	131,248	505,773
FALL.	1,225	4,859	147,006	840,076	101,824	509,392
SCALLOPS:						
BAY	2,849	23,614	-	-	-	-
CALICO.	833,620	1,223,366	-	-	-	-

SPECIES	LOUISIANA		TEXAS		TOTAL	
	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS	U.S. STANDARD BUSHELS	DOLLARS
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	378,437	1,140,794	316,559	1,245,671	1,453,410	4,867,117
FALL.	296,963	1,144,116	417,022	1,954,540	964,040	4,452,983
PRIVATE:						
SPRING.	1,185,499	4,128,669	-	-	1,185,499	4,128,669
FALL.	697,827	2,677,851	-	-	697,827	2,677,851
SCALLOPS:						
BAY	-	-	-	-	2,849	23,614
CALICO.	-	-	-	-	833,620	1,223,366

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN SHELLFISH, 1976

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL				
OYSTERS, MARKET:					
PUBLIC:					
SPRING.	4.54	6.32	5.58	5.31	6.89
FALL.	3.51	6.05	5.07	4.05	6.01
PRIVATE:					
SPRING.	-	-	-	5.31	-
FALL.	-	-	-	4.05	-
SCALLOPS:					
BAY	5.02	-	-	-	-
CALICO.	2.21	-	-	-	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

GULF FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1976

Item	Unit	Quantity	Dollars
		Thousands	
Fresh	Pounds	24,542	49,356
Frozen	do	180,814	461,636
Canned	Standard cases	5,802	69,291
Cured	Pounds	621	1,800
Industrial	—	—	79,814
Total	—	—	661,897

VALUE OF PROCESSED PRODUCTS, BY STATES, 1976

State	Thousand dollars
Florida, West Coast	172,498
Alabama	73,137
Mississippi	73,734
Louisiana	191,316
Texas	151,212
Total	661,897

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT. 1976

State	Processing			Wholesale			Total		
		Employment average			Employment average			Employment average	
	Plants	Season	Year	Plants	Season	Year	Plants	Season	Year
					Number				
Florida, West Coast	113	4,014	3,393	165	588	519	278	4,602	3,912
Alabama	43	1,839	1,297	14	187	108	57	2,026	1,405
Mississippi	36	1,530	1,124	16	130	79	52	1,660	1,203
Louisiana	109	3,958	2,865	91	503	397	200	4,461	3,262
Texas	55	2,249	1,720	84	1,011	643	139	3,260	2,363
Total	356	13,590	10,399	370	2,419	1,746	726	16,009	12,145

Note:--Employment is reported by each plant for each month for the payroll period that includes the 12th of the month. Employment for the season is based on the greatest number of employees working during the payroll period that included the 12th of each month. Employment for the year is obtained by adding the number of employees recorded as working during the payroll period that included the 12th of each month, and dividing by 12.

PROCESSED FISHERY PRODUCTS, 1976

Item	Unit	Florida, West Coast		Alabama		Mississippi	
		Quantity	Dollars	Quantity	Dollars	Quantity	Dollars
		Thousands					
Drum, red, frozen fillets	Pounds	19	14	—	—	—	—
Flounders, fresh and frozen, breaded raw, stuffed	do	363	372	921	1,308	—	—
Groupers, fresh and frozen fillets and steaks	do	246	454	(1)	(1)	—	—
Menhaden:							
Meal and scrap	Tons	—	—	—	—	21	6,946
Oil	Pounds	—	—	—	—	20,641	3,239
Solubles	Tons	—	—	—	—	(2)	(2)
Mullet:							
Fresh and frozen:							
Fillets	Pounds	345	166	—	—	—	—
Roe	do	21	42	(1)	(1)	—	—
Salted, fish	do	128	32	(1)	(1)	—	—
Sea trout, fresh fillets	do	56	40	—	—	—	—
Snappers, red, fresh and frozen fillets and steaks	do	192	519	(1)	(1)	—	—
Crabs, fresh and frozen:							
Blue:							
Cooked:							
Meat	do	1,516	5,999	389	1,655	360	1,219
Claws	do	—	—	67	238	—	—
Breaded raw:							
Stuffed	do	—	—	3,252	4,107	—	—
Cakes, croquettes, deviled, loaves, mixes, patties, and sticks	do	935	1,048	600	529	—	—
Stone, cooked claws	do	363	643	—	—	—	—
Lobsters, spiny frozen:							
Tails, raw	do	1,294	7,744	—	—	—	—
Cooked, whole	do	565	1,343	—	—	—	—
Shrimp:							
Fresh and frozen:							
Raw headless	do	12,923	35,809	16,725	48,443	5,480	16,879
Peeled and deveined, raw	do	10,034	29,880	4,264	8,022	2,405	4,810
Breaded raw	do	35,375	67,333	—	—	(1)	(1)
Breaded raw, burgers, dinners, patties, and stuffed	do	104	211	1,999	2,525	—	—
Canned, natural	Standard cases	—	—	—	—	208	5,168
Oysters:							
Fresh and frozen:							
Shucked	Gallons	414	5,113	231	3,008	282	4,307
Breaded raw	do	1,136	1,764	—	—	(1)	(1)
Canned, natural	Standard cases	—	—	—	—	30	469
Scallops, fresh and frozen:							
Shucked:							
Bay	Gallons	1	23	—	—	—	—
Calico	do	43	904	—	—	—	—
Breaded raw	Pounds	3,023	5,593	—	—	(1)	(1)
Unclassified:							
Fresh and frozen	do	(3) 6,656	(3) 7,437	(4) 28	(4) 3,302	(5) 3,602	(5) 8,630
Canned	Standard cases	(3)	(3)	—	—	(8) 4,033	(8) 34,717
Cured	Pounds	19	15	—	—	—	—
Industrial	—	—	(3)	—	(4)	—	(10) 303
Total	—	—	172,498	—	73,137	—	73,734

See footnotes at end of table.

(Continued on next page)

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Louisiana		Texas	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Flounders, frozen, breaded raw stuffed	Pounds	22	36	—	—
Menhaden:					
Meal	Tons	111	38,304	—	—
Oil	Pounds	131	20,431	—	—
Solubles	Tons	44	4,969	—	—
Crabs, fresh and frozen:					
Raw cleaned	Pounds	34	14	—	—
Cooked meat	do	1,245	4,969	578	2,601
Breaded raw, balls, cakes, loaves, patties and stuffed	do	88	155	29	47
Crawfish, fresh cooked meat	do	7	21	—	—
Shrimp:					
Fresh and frozen:					
Raw headless	do	18,319	53,279	32,012	101,467
Peeled, including deveined:					
Raw	do	4,188	8,050	4,451	16,923
Cooked	do	930	3,549	(1)	(1)
Breaded raw	do	1,090	2,506	9,464	22,986
Breaded raw and stuffed	do	404	781	(1)	(1)
Canned, natural	Standard cases	1,443	27,438	—	—
Sun-dried	Pounds	459	1,748	—	—
Meal and scrap	Tons	318	37	—	—
Oysters:					
Fresh, shucked	Gallons	649	9,338	302	4,752
Canned, natural	Standard cases	86	1,428	—	—
Unclassified:					
Fresh and frozen	Pounds	(6) 305	(6) 406	(7) 216	(7) 2,436
Canned	Standard cases	(9)	(9)	—	—
Industrial	—	—	(11) 904	—	(7)
Total	—	—	191,316	—	151,212

(1) Included with unclassified. (2) Included with Louisiana. (3) Includes fillets of flounders, king mackerel, and spanish mackerel; steaks of halibut, king mackerel, and salmon; fillets of flounders and grouper, breaded raw; cod and grouper croquettes, breaded raw; king mackerel for bait; mullet split for curing; shrimp, cooked and peeled and shrimp cocktails, cooked and refrigerated; rock shrimp, raw, headless and raw peeled; unclassified dinners breaded raw, canned conch, and turtle chowders, and the value of crab meal and crabs shells cleaned for processing. (4) Includes grouper fillets; red snapper fillets and steaks; mullet roe; salted mullet; and the value of oyster shell grit. (5) Includes grouper fillets, shrimp, oysters, and sea scallops breaded raw. (6) Includes catfish dressed and skinned; cooked crab gumbos; shrimp and oysters stuffed, breaded raw; and oysters and sea scallops breaded raw. (7) Includes shrimp, cooked and peeled; shrimp balls breaded raw; oysters stuffed breaded raw; and the value of oyster shell grit and lime. (8) Includes canned crab meat and unclassified fish for animal food. (9) Included with Mississippi. (10) Includes the values of crab cleaned and polished, crab meal, and unclassified fish meal. (11) Includes the value of unclassified fish meals.

Note:--This table will not add. Individual State totals are correct. Some of the products may have been processed from raw products imported from another State or a foreign country; therefore, they cannot be correlated directly with landings within the State. Certain items are shown in an intermediate and also a more advanced stage of processing.

FLORIDA, WEST COAST
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	PURSE SEINES	OTTER TRAWLS			POTS AND TRAPS
			FISH	SCALLOP	SHRIMP	CRAB
						BLUE
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	110	27	21	298	2,851	-
PART-TIME	3	-	-	-	-	-
ON BOATS AND SHORE:						
FULL-TIME	109	10	-	-	156	171
PART-TIME	7	-	-	-	42	27
TOTAL	229	37	21	298	3,049	198
VESSELS, MOTOR.	17	4	5	50	1,091	-
GROSS TONNAGE	291	98	178	4,241	75,074	-
BOATS:						
MOTOR	48	6	-	-	132	196
OTHER	10	-	-	-	-	-
GEAR.	49	9	10	100	2,232	38,930

ITEM	POTS AND TRAPS - CONTINUED				GILL NETS	
	CRAB - CONTD.	EEL	FISH	LOBSTER, SPINY	ANCHOR, SET, OR STAKE	DRIFT
	OTHER					
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	138	-	-	664	-	-
PART-TIME	1	-	-	1	-	-
ON BOATS AND SHORE:						
FULL-TIME	290	-	12	338	-	1
PART-TIME	29	1	3	28	2	-
TOTAL	458	1	15	1,031	2	1
VESSELS, MOTOR.	65	-	-	258	-	-
GROSS TONNAGE	1,094	-	-	4,306	-	-
BOATS, MOTOR.	212	1	9	220	1	1
GEAR.	224,351	10	400	314,500	1	1

ITEM	GILL NETS - CONTINUED	TRAMMEL NETS	LINES			DIP NETS, COMMON
	RUNAROUND		HAND	TROLL	LONG OR SET WITH HOOKS	
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	384	45	1,277	94	132	-
PART-TIME	129	2	140	134	-	-
ON BOATS AND SHORE:						
FULL-TIME	848	413	509	87	13	4
PART-TIME	267	73	922	476	9	6
TOTAL	1,628	533	2,848	791	154	10
VESSELS, MOTOR.	115	9	449	64	23	-
GROSS TONNAGE	2,346	137	11,101	1,670	2,527	-
BOATS, MOTOR.	866	385	833	393	16	5
GEAR.	1,001	393	3,036	837	65	5

ITEM	CAST NETS	SPEARS	DREDGES, SCALLOP, BAY	TONGS, OYSTER	HOOKS, SPONGE	DIVING OUTFITS
						SPONGE
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME . .	-	-	-	-	-	25
ON BOATS AND SHORE:						
FULL-TIME	1	31	36	387	6	-
PART-TIME	12	26	2	13	-	-
TOTAL	13	57	38	400	6	25
VESSELS, MOTOR.	-	-	-	-	-	4
GROSS TONNAGE	-	-	-	-	-	58
BOATS, MOTOR.	2	56	34	325	3	-
GEAR.	13	57	71	398	3	4

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	DIVING OUTFITS OTHER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER		
FISHERMEN:			
ON VESSELS:			
FULL-TIME	-	-	4,675
PART-TIME	-	-	201
ON BOATS AND SHORE:			
FULL-TIME	-	5	2,078
PART-TIME	64	10	1,622
TOTAL	64	15	8,576
VESSELS, MOTOR	-	-	1,753
GROSS TONNAGE	-	-	91,811
BOATS:			
MOTOR	37	15	2,601
OTHER	-	-	10

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		PURSE SEINES		OTTER TRAWLS FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	400	28	-	-	-	-
AMBERJACK	700	66	-	-	-	-
ANGELFISH	1,900	93	-	-	200	23
BALLYHOO	1,400	492	138,600	42,659	-	-
BLUEFISH	266,600	26,190	-	-	-	-
BLUE RUNNER	894,700	103,243	25,300	2,797	-	-
BONITO	10,600	535	110,100	5,935	-	-
CABIO	100	5	-	-	-	-
CIGARFISH	753,400	112,471	17,700	2,654	-	-
CREVALLE	701,100	53,014	39,800	2,472	-	-
CROAKER	86,400	16,082	-	-	74,300	12,135
DRUM:						
BLACK	4,700	479	-	-	-	-
RED	172,500	43,483	-	-	-	-
FLOUNDERS, UNCLASSIFIED	6,100	1,970	-	-	2,600	1,087
GRUNTS	2,000	780	-	-	-	-
HERRING, THREAD	191,400	8,176	88,100	3,548	-	-
KING WHITING OR "KINGFISH"	3,400	589	-	-	800	95
MACKEREL:						
KING	41,500	14,068	-	-	-	-
SPANISH	286,200	46,613	-	-	-	-
MENHADEN	381,600	13,405	225,300	7,415	-	-
MOJARRA	39,600	5,499	-	-	-	-
MULLET:						
BLACK (LISA)	1,988,800	328,931	-	-	-	-
SILVER	5,500	672	-	-	-	-
PERMIT	4,000	942	-	-	-	-
PIGFISH	300	15	-	-	300	52
POMPANO	5,500	7,066	-	-	-	-
SEA CATFISH	3,700	533	-	-	2,600	188
SEA TROUT OR WEAKFISH:						
SPOTTED	227,500	106,646	-	-	10,600	4,605
WHITE	5,100	1,083	-	-	11,000	1,619
SHARKS, UNCLASSIFIED	100	8	-	-	-	-
SHEEPSHEAD, SALTWATER	38,800	5,558	-	-	7,600	811
SNAPPER, MANGROVE	27,100	8,259	-	-	-	-
SPANISH SARDINE	1,353,000	111,627	86,600	6,061	-	-
SPOT	9,700	1,363	-	-	2,300	147
STURGEON, COMMON	-	-	-	-	200	17
TENPOUNDER	1,921,300	92,177	580,100	28,512	-	-
UNCLASSIFIED:						
FOR FOOD	206,200	31,735	-	-	800	115
FOR BAIT, REDUCTION, AND ANIMAL FOOD	187,300	6,014	47,600	1,590	-	-
CRABS, BLUE, HARD	-	-	-	-	9,400	1,366
TOTAL	9,830,200	1,149,910	1,359,200	103,643	122,700	22,260

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	OTTER TRAWLS - CONTINUED				POTS AND TRAPS	
	SCALLOP		SHRIMP		CRAB	
					BLUE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANGELFISH	-	-	500	56	-	-
CABIO	-	-	9,900	2,142	-	-
CROAKER	-	-	98,900	16,559	-	-
FLOUNDERS, UNCLASSIFIED	-	-	101,600	33,436	-	-
JEWFISH	-	-	11,800	1,355	-	-
KING WHITING OR "KINGFISH"	-	-	76,800	7,105	-	-
PIGFISH	-	-	600	77	-	-
SEA CATFISH	-	-	4,200	309	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	14,600	6,350	-	-
WHITE	-	-	17,500	2,640	-	-
SHARKS, UNCLASSIFIED	-	-	600	64	-	-
SHEEPSHEAD, SALTWATER	-	-	15,400	1,673	-	-
SNAPPER, RED	-	-	85,600	68,383	-	-
SPOT	-	-	4,800	329	-	-
STURGEON, COMMON	-	-	500	43	-	-
TRIPLETAIL	-	-	100	10	-	-
UNCLASSIFIED, FOR FOOD	-	-	1,200	176	-	-
CRABS, BLUE, HARD	-	-	110,800	18,723	11,928,300	1,945,483
LOBSTERS:						
SLIPPER	-	-	8,200	7,626	-	-
SPINY	-	-	19,400	25,143	-	-
SHRIMP	-	-	26,811,600	36,841,627	-	-
SCALLOPS, CALICO	1,842,300	1,223,366	-	-	-	-
SQUID	-	-	49,900	9,899	-	-
TOTAL	1,842,300	1,223,366	27,444,500	37,043,725	11,928,300	1,945,483

SPECIES	POTS AND TRAPS - CONTINUED					
	CRAB - CONTINUED		EEL		FISH	
	OTHER					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS, COMMON	-	-	600	61	-	-
GROUPERS	-	-	-	-	40,200	18,492
GRUNTS	-	-	-	-	3,500	425
SNAPPERS:						
LANE	-	-	-	-	1,400	602
MANGROVE	-	-	-	-	7,200	3,512
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	21,200	2,628
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	1,200	252
CRABS, STONE	2,433,100	2,177,707	-	-	-	-
TOTAL	2,433,100	2,177,707	600	61	74,700	25,911

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	LOBSTER, SPINY		ANCHOR, SET, OR STAKE		DRIFT	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
STURGEON, COMMON	-	-	4,900	1,247	500	59
CRABS, STONE	18,000	17,780	-	-	-	-
LOBSTERS:						
SLIPPER	2,700	3,702	-	-	-	-
SPINY	4,308,900	6,780,296	-	-	-	-
TOTAL	4,329,600	6,801,778	4,900	1,247	500	59

SPECIES	GILL NETS - CONTINUED		TRAMMEL NETS		LINES	
	RUNAROUND				HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	124,200	8,580	400	2	-	-
AMBERJACK	900	45	-	-	94,000	9,749
ANGELFISH	1,100	69	300	33	1,800	111
BARRACUDA	-	-	-	-	600	23
BLUEFISH	200,300	23,129	36,500	4,183	14,200	1,567
BLUE RUNNER	145,000	16,584	22,100	2,515	5,400	615
BONITO	-	-	-	-	600	59
CABIO	33,700	7,256	-	-	56,000	10,923

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	GILL NETS - CONTINUED		TRAMMEL NETS		LINES	
	RUNAROUND				HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS	500	153	-	-	-	-
CREVALLE	778,700	69,044	52,700	4,066	46,400	3,530
CROAKER	304,000	52,608	182,200	30,397	280,800	50,802
DOLPHINFISH	-	-	-	-	35,200	9,738
DRUM:						
BLACK	17,100	1,720	3,600	333	1,600	157
RED	544,600	141,002	73,700	18,748	112,300	29,603
FLOUNDERS, UNCLASSIFIED	73,200	23,989	10,500	4,276	2,800	832
GROUPERS	-	-	-	-	6,610,500	3,135,045
GRUNTS	42,300	9,533	11,600	2,253	147,900	27,983
HERRING, THREAD	6,600	489	-	-	-	-
HOGFISH	-	-	-	-	15,700	5,655
JEWFISH	-	-	-	-	172,300	21,374
KING WHITING OR "KINGFISH"	18,600	3,413	3,300	583	200	20
MACKEREL:						
KING	2,355,100	746,497	-	-	104,300	35,028
SPANISH	6,619,600	1,160,157	86,300	15,700	177,100	30,938
MENHADEN	114,900	7,080	300	17	-	-
MOJARRA	82,400	12,873	4,000	667	7,800	1,030
MULLET:						
BLACK (LISA)	12,946,200	2,151,942	1,702,300	288,730	-	-
SILVER	724,800	132,734	16,000	2,606	-	-
PERMIT	120,400	33,218	2,200	431	34,900	7,984
PIGFISH	4,500	391	1,200	107	300	194
POMPANO	169,900	226,988	768,700	1,027,693	3,800	5,164
SCUP OR PORGY	100	16	-	-	120,300	31,910
SEA BASS, BLACK	-	-	-	-	49,500	10,200
SEA CATFISH	21,500	2,211	7,800	644	300	21
SEA TROUT OR WEAKFISH:						
SPOTTED	1,440,700	672,423	300,100	134,566	230,000	102,088
WHITE	50,500	8,465	30,700	4,613	28,600	4,473
SHAD	600	27	-	-	-	-
SHARKS, UNCLASSIFIED	4,900	417	-	-	11,600	1,199
SHEEPSHEAD, SALTWATER	132,400	19,248	34,500	4,687	32,600	4,866
SNAPPERS:						
LANE	-	-	-	-	46,100	20,061
MANGROVE	72,300	21,110	18,700	5,993	473,000	170,777
MUTTON	-	-	-	-	226,300	137,360
RED	-	-	-	-	3,938,200	3,845,680
VERMILION	-	-	-	-	280,400	193,544
YELLOWTAIL	-	-	-	-	922,300	704,120
SPOT	43,900	5,883	13,300	1,457	-	-
SWORDFISH	-	-	-	-	1,600	3,092
TENPOUNDER	142,600	6,781	11,900	578	3,800	173
TILEFISH	-	-	-	-	53,300	15,839
TRIGGERFISH	-	-	-	-	84,500	11,599
TRIPLETAIL	-	-	-	-	100	9
WAHOO	900	299	-	-	-	-
WARSAW	-	-	-	-	147,100	38,982
UNCLASSIFIED:						
FOR FOOD	936,400	160,442	110,700	19,381	209,400	27,707
FOR BAIT, REDUCTION, AND ANIMAL FOOD	225,200	16,411	77,600	5,323	20,800	2,212
TOTAL	28,500,600	5,743,227	3,583,200	1,580,582	14,806,300	8,714,036

SPECIES	LINES - CONTINUED				DIP NETS, COMMON	
	TROLL		LONG OR SET WITH HOOKS			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	10,000	1,259	-	-	-	-
BONITO	1,900	107	-	-	-	-
CABIO	4,200	856	-	-	-	-
CATFISH AND BULLHEADS	-	-	50,400	19,103	-	-
CREVALLE	11,000	1,172	-	-	-	-
DOLPHINFISH	48,700	13,449	-	-	-	-
DRUM, RED	1,600	402	-	-	-	-
MACKEREL:						
KING	300,400	95,784	-	-	-	-
SPANISH	613,800	106,234	-	-	-	-
SEA CATFISH	-	-	4,800	443	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	58,800	28,677	-	-	-	-
WHITE	100	16	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	24,700	2,391	-	-
SWORDFISH	30,400	39,530	359,400	773,227	-	-
LOBSTERS, SPINY	-	-	-	-	8,500	13,422
TOTAL	1,080,900	287,486	439,300	795,164	8,500	13,422

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	CAST NETS		SPEARS		DREDGES, SCALLOP, BAY	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, UNCLASSIFIED . .	-	-	35,700	14,239	-	-
MOJARRA	400	74	-	-	-	-
MULLET, BLACK (LISA). . . .	115,000	20,105	-	-	-	-
SCALLOPS, BAY	-	-	-	-	14,300	23,614
TOTAL	115,400	20,179	35,700	14,239	14,300	23,614

SPECIES	TONGS, OYSTER		HOOKS, SPONGE		DIVING OUTFITS	
					SPONGE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CONCHS.	-	-	2,100	1,820	-	-
OYSTERS, MARKET, PUBLIC:						
SPRING.	2,578,700	1,638,830	-	-	-	-
FALL.	300	269	-	-	-	-
SPONGES:						
GRASS	-	-	600	1,998	-	-
SHEEPSWOOL.	-	-	3,300	23,130	1,300	25,203
YELLOW.	-	-	600	1,658	100	826
TOTAL	2,579,000	1,639,099	6,600	28,606	1,400	26,029

SPECIES	DIVING OUTFITS		BY HAND, OYSTER	
	OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS
GROUPERS.	6,700	3,082	-	-
JEWFISH	800	165	-	-
SNAPPER, MUTTON	10,400	5,976	-	-
LOBSTERS, SPINY	21,500	33,555	-	-
OYSTERS, MARKET, PUBLIC:				
SPRING.	-	-	19,600	20,650
FALL.	-	-	4,000	4,590
TOTAL	39,400	42,778	23,600	25,240

ALABAMA

OPERATING UNITS BY GEAR, 1976

ITEM	OTTER TRAWLS, SHRIMP	POTS AND TRAPS, CRAB, BLUE	GILL NETS, RUNAROUND	TRAMMEL NETS
	NUMBER			
FISHERMEN:				
ON VESSELS, FULL-TIME . .	1,324	-	-	-
ON BOATS AND SHORE:				
FULL-TIME	142	57	10	82
PART-TIME	70	8	4	-
TOTAL	1,536	65	14	82
VESSELS, MOTOR.	512	-	-	-
GROSS TONNAGE	35,253	-	-	-
BOATS:				
MOTOR	134	59	12	56
OTHER	-	-	6	30
GEAR.	1,059	10,650	14	82

ITEM	LINES, HAND	SPEARS	TONGS AND GRABS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN:				
ON VESSELS, FULL-TIME . .	62	-	-	1,386
ON BOATS AND SHORE:				
FULL-TIME	18	8	231	397
PART-TIME	20	18	57	140
TOTAL	100	26	288	1,923
VESSELS, MOTOR.	9	-	-	521
GROSS TONNAGE	585	-	-	35,838
BOATS:				
MOTOR	38	26	184	467
OTHER	-	-	10	43
GEAR.	99	26	288	-

ALABAMA - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	OTTER TRAWLS, SHRIMP		POTS AND TRAPS, CRAB, BLUE	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	600	35	-	-
CABIO	5,600	410	-	-
CATFISH AND BULLHEADS	100	29	-	-
CROAKER	6,252,500	863,051	-	-
DRUM:				
BLACK	15,500	1,018	-	-
RED	46,900	5,336	-	-
FLOUNDERS, UNCLASSIFIED	789,400	190,244	-	-
GROUPERS	6,000	993	-	-
JEWFISH	2,700	315	-	-
KING WHITING OR "KINGFISH"	137,400	15,600	-	-
MACKEREL, SPANISH	23,100	1,670	-	-
MULLET, BLACK (LISA)	4,400	431	-	-
POMPANO	13,900	7,063	-	-
SEA CATFISH	34,700	2,045	-	-
SEA TROUT OR WEAKFISH:				
GRAY	8,100	968	-	-
SPOTTED	100	39	-	-
WHITE	1,330,600	151,418	-	-
SHEEPSHEAD, SALTWATER	157,300	12,202	-	-
SNAPPER, RED	118,200	47,730	-	-
SPOT	14,000	885	-	-
CRABS, BLUE, HARD	18,400	3,115	1,259,600	273,622
SHRIMP	18,689,700	30,393,075	-	-
SQUID	2,000	355	-	-
TOTAL	27,671,200	31,698,027	1,259,600	273,622

SPECIES	GILL NETS, RUNAROUND		TRAMMEL NETS		LINES, HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	1,100	91	200	11	100	11
CATFISH AND BULLHEADS	-	-	900	216	-	-
CROAKER	-	-	24,900	3,318	36,300	6,965
DRUM:						
BLACK	-	-	3,400	229	-	-
RED	100	12	19,500	3,505	100	10
FLOUNDERS, UNCLASSIFIED	-	-	300	75	-	-
GROUPERS	-	-	-	-	70,100	22,955
JEWFISH	-	-	-	-	13,200	2,945
MACKEREL, SPANISH	20,500	3,337	1,500	129	100	9
MULLET, BLACK (LISA)	100	7	860,600	92,054	-	-
PADDLEFISH	-	-	400	39	-	-
POMPANO	-	-	100	34	-	-
SEA CATFISH	200	38	900	60	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	38,600	13,747	4,200	1,575
WHITE	-	-	5,600	546	400	71
SHEEPSHEAD, SALTWATER	600	38	21,300	1,724	-	-
SNAPPER, RED	-	-	-	-	516,500	339,936
SPOT	-	-	5,700	466	-	-
CRABS, BLUE, HARD	-	-	20,800	4,365	-	-
TOTAL	22,600	3,523	1,004,700	120,518	641,000	374,477

SPECIES	SPEARS		TONGS AND GRABS, OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, UNCLASSIFIED	13,700	5,544	-	-
OYSTERS, MARKET, PUBLIC:				
SPRING	-	-	346,700	315,399
FALL	-	-	889,400	840,076
TOTAL	13,700	5,544	1,236,100	1,155,475

MISSISSIPPI
OPERATING UNITS BY GEAR, 1976

ITEM	PURSE SEINES		OTTER TRAWLS		POTS AND TRAPS, CRAB, BLUE	GILL NETS
	MENHADEN	OTHER	FISH	SHRIMP		DRIFT
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME	221	-	59	988	-	-
ON BOATS AND SHORE:						
FULL-TIME	-	3	-	180	20	6
PART-TIME	-	1	-	310	23	-
TOTAL	221	4	59	1,478	43	6
VESSELS, MOTOR	13	-	18	433	-	-
GROSS TONNAGE	4,800	-	3,090	16,844	-	-
BOATS, MOTOR	22	1	-	445	39	2
GEAR	13	1	36	1,093	2,950	2

ITEM	GILL NETS - CONTINUED	TRAMMEL NETS	LINES, HAND	DREDGES, OYSTER, COMMON	TONGS AND GRABS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	RUNAROUND					
	NUMBER					
FISHERMEN:						
ON VESSELS:						
FULL-TIME	26	13	163	174	-	1,518
PART-TIME	6	-	-	-	-	6
ON BOATS AND SHORE:						
FULL-TIME	16	6	-	55	300	450
PART-TIME	11	2	12	50	215	459
TOTAL	59	21	175	279	515	2,433
VESSELS, MOTOR	6	3	18	54	-	491
GROSS TONNAGE	210	103	1,314	1,191	-	25,820
BOATS, MOTOR	17	14	5	55	484	879
GEAR	23	11	157	167	494	-

MISSISSIPPI - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	PURSE SEINES				OTTER TRAWLS	
	MENHADEN		OTHER		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CREVALLE	-	-	4,600	460	-	-
CROAKER	-	-	-	-	100,900	10,374
DRUM:						
BLACK	-	-	25,200	996	1,500	126
RED	-	-	-	-	9,400	840
FLOUNDERS, UNCLASSIFIED	-	-	-	-	11,200	2,810
GROUPERS	-	-	-	-	600	140
HERRING, THREAD	6,713,400	255,000	-	-	-	-
KING WHITING OR "KINGFISH"	-	-	-	-	18,800	1,915
MACKEREL, SPANISH	-	-	-	-	400	40
MENHADEN	180,152,300	6,839,342	-	-	-	
MULLET, BLACK (LISA)	-	-	250,000	28,600	-	-
POMPANO	-	-	-	-	100	50
SEA CATFISH	-	-	-	-	6,000	496
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	200	100	-	-
WHITE	-	-	-	-	34,100	3,410
SHEEPSHEAD, SALTWATER	-	-	2,200	220	5,000	454
SNAPPER, RED	-	-	-	-	1,100	255
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	86,218,100	2,555,325
TOTAL	186,865,700	7,094,342	282,200	30,376	86,407,200	2,576,235

SPECIES	OTTER TRAWLS - CONTINUED		POTS AND TRAPS, CRAB, BLUE		GILL NETS	
	SHRIMP				DRIFT	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	-	-	400	60
CROAKER	93,600	13,454	-	-	25,000	4,000
DRUM:						
BLACK	2,400	186	-	-	1,000	120
RED	18,300	1,589	-	-	1,000	250
FLOUNDERS, UNCLASSIFIED	69,200	15,863	-	-	-	-
GROUPERS	300	75	-	-	-	-

(CONTINUED ON NEXT PAGE)

MISSISSIPPI - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	OTTER TRAWLS - CONTINUED		POTS AND TRAPS, CRAB, BLUE		GILL NETS	
	SHRIMP				DRIFT	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
KING WHITING OR "KINGFISH"	135,800	15,273	-	-	500	75
MACKEREL, SPANISH	500	50	-	-	10,000	2,200
MULLET, BLACK (LISA)	-	-	-	-	2,000	260
POMPANO	500	232	-	-	-	-
SEA CATFISH	28,400	2,264	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	-	-	20,000	9,000
WHITE	76,300	8,769	-	-	800	120
SHARKS, UNCLASSIFIED	-	-	-	-	4,000	600
SHEEPSHEAD, SALTWATER	22,400	1,563	-	-	200	24
SNAPPER, RED	2,100	650	-	-	-	-
TRIPLETAIL	400	60	-	-	-	-
CRABS; BLUE:						
HARD	199,400	31,382	1,135,100	236,153	-	-
SOFT AND PEELER	-	-	300	240	-	-
SHRIMP	7,551,300	8,417,899	-	-	-	-
SQUID	800	205	-	-	-	-
TOTAL	8,201,700	8,509,514	1,135,400	236,393	64,900	16,709

SPECIES	GILL NETS - CONTINUED		TRAMMEL NETS		LINES, HAND	
	RUNAROUND					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	64,600	8,098	-	-	800	146
BLUE RUNNER	47,400	4,732	-	-	-	-
CREVALLE	56,700	4,073	-	-	-	-
CROAKER	146,200	20,745	-	-	54,900	12,292
DRUM:						
BLACK	17,600	1,808	-	-	100	4
RED	61,700	13,165	600	120	4,200	888
FLOUNDERS, UNCLASSIFIED	300	114	-	-	-	-
GROUPERS	-	-	-	-	95,600	31,635
KING WHITING OR "KINGFISH"	8,700	1,080	-	-	-	-
MACKEREL, SPANISH	367,600	79,733	-	-	-	-
MULLET, BLACK (LISA)	532,000	59,830	56,900	5,352	-	-
POMPANO	1,400	2,030	-	-	-	-
SEA CATFISH	7,100	606	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	152,900	65,450	100	40	4,300	1,995
WHITE	50,600	6,288	-	-	7,500	1,638
SHARKS, UNCLASSIFIED	14,400	1,954	-	-	-	-
SHEEPSHEAD, SALTWATER	28,500	3,165	7,600	612	300	20
SNAPPER, RED	-	-	-	-	1,872,200	1,199,980
SPOT	3,300	330	-	-	-	-
TRIPLETAIL	500	85	-	-	-	-
TUNA, LITTLE	9,200	460	-	-	-	-
UNCLASSIFIED, FOR FOOD	11,300	1,130	-	-	-	-
TOTAL	1,582,000	274,876	65,200	6,124	2,039,900	1,248,598

SPECIES	DREDGES, OYSTER, COMMON		TONGS AND GRABS, OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS
OYSTERS, MARKET, PUBLIC:				
SPRING	862,800	478,702	41,500	27,071
FALL	432,700	362,722	179,300	146,670
TOTAL	1,295,500	841,424	220,800	173,741

LOUISIANA
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	BUTTERFLY NETS	OTTER TRAWLS		FYKE AND HOOP NETS, FISH
				FISH	SHRIMP	
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME . .	-	1,172	76	27	3,863	-
ON BOATS AND SHORE:						
FULL-TIME	17	-	909	-	3,383	293
PART-TIME	2	-	110	-	1,754	282
TOTAL	19	1,172	1,095	27	9,000	575
VESSELS, MOTOR.	-	71	38	9	1,556	-
GROSS TONNAGE	-	30,022	1,170	1,230	84,783	-
BOATS:						
MOTOR	17	126	569	-	3,717	575
GEAR.	9	71	1,039	18	6,585	23,475

ITEM	POTS AND TRAPS			GILL NETS		TRAMMEL NETS
	CRAB, BLUE	CRAWFISH	FISH	ANCHOR, SET, OR STAKE	RUNAROUND	
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME . .	-	-	-	-	8	5
ON BOATS AND SHORE:						
FULL-TIME	789	189	61	142	150	151
PART-TIME	226	216	21	85	10	33
TOTAL	1,015	405	82	227	168	189
VESSELS, MOTOR.	-	-	-	-	3	2
GROSS TONNAGE	-	-	-	-	88	43
BOATS:						
MOTOR	997	405	82	209	96	140
OTHER	-	-	-	-	1	-
GEAR.	144,014	37,680	2,345	219	93	136

ITEM	LINES			DIP NETS, COMMON	DREDGES, OYSTER, COMMON	TONGS AND GRABS, OYSTER
	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS			
	NUMBER					
FISHERMEN:						
ON VESSELS, FULL-TIME . .	-	-	-	-	645	-
ON BOATS AND SHORE:						
FULL-TIME	10	367	75	6	365	65
PART-TIME	131	282	20	2	25	40
TOTAL	141	649	95	8	1,035	105
VESSELS, MOTOR.	-	-	-	-	235	-
GROSS TONNAGE	-	-	-	-	4,999	-
BOATS, MOTOR.	134	649	95	8	213	80
GEAR.	141	1,257	95	8	821	95

ITEM	BRUSH TRAPS	FROG GRABS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN:				
ON VESSELS, FULL-TIME . .	-	-	-	5,639
ON BOATS AND SHORE:				
FULL-TIME	75	16	6	4,094
PART-TIME	10	1	-	2,427
TOTAL	85	17	6	12,160
VESSELS, MOTOR.	-	-	-	1,837
GROSS TONNAGE	-	-	-	119,729
BOATS:				
MOTOR	85	16	3	4,986
OTHER	-	-	-	1
GEAR.	42,500	17	-	-

LOUISIANA - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		BUTTERFLY NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS	54,600	19,110	-	-	-	-
CROAKER	1,300	162	-	-	-	-
DRUM:						
BLACK	16,600	2,254	-	-	-	-
RED	53,400	14,841	-	-	-	-
FLOUNDERS, UNCLASSIFIED	600	198	-	-	-	-
KING WHITING OR "KINGFISH"	800	116	-	-	-	-
MENHADEN	-	-	1,057,076,600	37,100,578	-	-
MULLET, BLACK (LISA)	100	6	-	-	-	-
SEA CATFISH	1,800	219	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	4,600	2,000	-	-	-	-
WHITE	500	87	-	-	-	-
SHEEPSHEAD, SALTWATER	1,600	197	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	241,000	6,305	22,500,000	781,021	-	-
CRABS, BLUE, HARD	-	-	-	-	14,200	1,430
SHRIMP	-	-	-	-	7,997,500	4,648,882
TOTAL	376,900	45,495	1,079,576,600	37,881,599	8,011,700	4,650,312

SPECIES	OTTER TRAWLS				FYKE AND HOOP NETS, FISH	
	FISH		SHRIMP			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	900	93	-	-
BOWFIN	-	-	-	-	8,300	231
BUFFALOFISH	-	-	-	-	826,700	114,551
CABIO	-	-	400	23	-	-
CARP	-	-	-	-	78,900	3,620
CATFISH AND BULLHEADS	-	-	-	-	3,074,200	1,073,822
CROAKER	-	-	323,300	42,842	-	-
DRUM:						
BLACK	-	-	5,800	865	-	-
RED	-	-	1,800	430	-	-
FLOUNDERS, UNCLASSIFIED	-	-	298,900	85,421	-	-
GARFISH	-	-	-	-	19,500	2,421
GROUPERS	-	-	14,500	3,434	-	-
KING WHITING OR "KINGFISH"	-	-	84,900	9,256	-	-
MACKEREL, SPANISH	-	-	61,700	9,996	-	-
MULLET, BLACK (LISA)	-	-	7,500	499	-	-
PADDLEFISH	-	-	-	-	800	80
POMPANO	-	-	16,200	20,468	-	-
SAWFISH	-	-	100	10	-	-
SEA CATFISH	-	-	13,900	1,346	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	500	225	-	-
WHITE	-	-	35,600	6,546	-	-
SHARKS, UNCLASSIFIED	-	-	7,500	775	-	-
SHEEPSHEAD:						
FRESHWATER	-	-	-	-	213,700	22,886
SALTWATER	-	-	31,100	2,809	-	-
SNAPPER, RED	-	-	55,300	36,986	-	-
SPOT	-	-	15,900	1,493	-	-
TRIPLETAIL	-	-	700	72	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	12,381,000	349,823	-	-	-	-
CRABS, BLUE, HARD	-	-	354,000	51,924	-	-
SHRIMP	-	-	74,357,900	75,039,361	-	-
SQUID	-	-	100	15	-	-
TOTAL	12,381,000	349,823	75,688,500	75,314,889	4,222,100	1,217,611

SPECIES	POTS AND TRAPS					
	CRAB, BLUE		CRAWFISH		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CATFISH AND BULLHEADS	-	-	-	-	497,500	169,125
CRABS:						
BLUE, HARD	14,712,900	2,988,480	-	-	-	-
SOFT AND PEELER	25,500	42,148	-	-	-	-
CRAWFISH, FRESHWATER	-	-	1,862,500	663,543	-	-
TOTAL	14,738,400	3,030,628	1,862,500	663,543	497,500	169,125

(CONTINUED ON NEXT PAGE)

LOUISIANA - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	GILL NETS				TRAMMEL NETS	
	ANCHOR, SET, OR STAKE		RUNAROUND			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BLUEFISH	-	-	600	75	-	-
BOWFIN	1,200	36	-	-	-	-
BUFFALOFISH	251,000	35,119	-	-	18,300	2,579
CARP	19,400	881	-	-	900	44
CATFISH AND BULLHEADS	1,282,100	449,033	-	-	76,400	26,740
CROAKER	3,400	286	3,500	520	10,600	1,208
DRUM:						
BLACK	13,100	1,880	272,400	28,660	269,900	34,894
RED	122,600	33,025	1,053,100	306,185	965,700	239,848
FLOUNDERS, UNCLASSIFIED	10,500	4,200	15,900	6,158	700	224
GARFISH	310,300	40,808	-	-	2,000	244
KING WHITING OR "KINGFISH"	-	-	200	10	-	-
MACKEREL, SPANISH	300	14	70,000	9,212	2,500	230
MULLET, BLACK (LISA)	-	-	49,300	3,892	100	11
POMPANO	1,000	1,700	1,400	1,706	-	-
SEA CATFISH	600	72	-	-	1,400	150
SEA TROUT OR WEAKFISH:						
SPOTTED	50,200	19,514	1,210,000	555,348	331,700	131,269
WHITE	1,700	289	33,400	4,451	3,800	610
SHAD	10,500	525	-	-	39,500	1,975
SHARKS, UNCLASSIFIED	-	-	100	5	40,100	4,234
SHEEPSHEAD:						
FRESHWATER	45,800	4,769	-	-	2,200	219
SALTWATER	200	21	49,600	4,443	18,900	1,608
TOTAL	2,123,900	592,172	2,759,500	920,665	1,784,700	446,087

SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	-	-	19,700	2,389	-	-
CARP	-	-	800	75	-	-
CATFISH AND BULLHEADS	6,700	2,607	1,896,700	660,740	-	-
CROAKER	700	74	-	-	-	-
DRUM:						
BLACK	1,200	148	-	-	-	-
RED	13,400	4,514	2,500	832	-	-
FLOUNDERS, UNCLASSIFIED	700	285	-	-	-	-
GARFISH	6,000	1,077	49,200	8,291	-	-
MACKEREL, SPANISH	200	16	-	-	-	-
PADDLEFISH	-	-	100	9	-	-
SEA CATFISH	100	21	4,700	548	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	13,700	5,242	500	191	-	-
WHITE	300	70	-	-	-	-
SHEEPSHEAD:						
FRESHWATER	100	27	2,600	338		
SALTWATER	300	32	-	-	-	-
SNAPPER, RED	1,400	819	1,100	683	-	-
CRABS, BLUE, HARD	-	-	-	-	129,900	18,732
TURTLES, SNAPPER	-	-	1,200	473	-	-
TOTAL	44,800	14,932	1,979,100	674,569	129,900	18,732

SPECIES	DIP NETS, COMMON		DREDGES, OYSTER, COMMON		TONGS AND GRABS, OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE, SOFT AND PEELER	6,200	10,124	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	2,001,400	1,134,532	9,100	6,262
FALL	-	-	1,116,800	1,069,375	85,900	74,741
PRIVATE:						
SPRING	-	-	6,228,700	4,086,178	48,400	31,711
FALL	-	-	2,804,300	2,656,441	19,500	19,641
TOTAL	6,200	10,124	12,151,200	8,946,526	162,900	132,355

SPECIES	BRUSH TRAPS		FROG GRABS		BY HAND, OYSTER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, BLUE, SOFT AND PEELER	56,500	92,673	-	-	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING	-	-	-	-	17,900	10,780
FALL	-	-	-	-	2,400	1,769
FROGS	-	-	4,700	3,489	-	-
TOTAL	56,500	92,673	4,700	3,489	20,300	12,549

TEXAS
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, SHRIMP	POTS AND TRAPS, CRAB, BLUE	GILL NETS, ANCHOR, SET, OR STAKE	TRAMMEL NETS	LINES
						HAND
			NUMBER			
FISHERMEN:						
ON VESSELS:						
FULL-TIME	-	4,982	-	-	-	163
PART-TIME	-	-	-	-	-	12
ON BOATS AND SHORE:						
FULL-TIME	73	615	173	40	162	62
PART-TIME	22	182	6	-	-	98
TOTAL	95	5,779	179	40	162	335
VESSELS, MOTOR	-	1,828	-	-	-	33
GROSS TONNAGE	-	120,413	-	-	-	1,518
BOATS, MOTOR	25	688	176	40	125	81
GEAR	25	4,412	23,375	40	125	329

ITEM	LINES - CONTINUED	DREDGES, OYSTER, COMMON	TONGS AND GRABS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS			
		NUMBER		
FISHERMEN:				
ON VESSELS:				
FULL-TIME	-	404	-	5,303
PART-TIME	-	-	-	12
ON BOATS AND SHORE:				
FULL-TIME	175	152	2	960
PART-TIME	-	-	-	294
TOTAL	175	556	2	6,569
VESSELS, MOTOR	-	184	-	1,923
GROSS TONNAGE	-	3,282	-	123,219
BOATS, MOTOR	175	72	2	1,055
GEAR	175	256	2	-

TEXAS - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, SHRIMP		POTS AND TRAPS, CRAB, BLUE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CROAKER	-	-	64,000	7,651	-	-
DRUM:						
BLACK	77,100	13,289	31,300	6,396	-	-
RED	74,100	29,753	2,800	1,172	-	-
FLOUNDERS, UNCLASSIFIED	-	-	334,300	137,817	-	-
GROUPERS	-	-	9,100	1,588	-	-
KING WHITING OR "KINGFISH"	-	-	80,300	11,805	-	-
MULLET, BLACK (LISA)	7,000	350	44,800	5,020	-	-
POMPANO	1,500	723	100	18	-	-
SEA CATFISH	-	-	79,600	11,743	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	203,500	91,111	600	333	-	-
WHITE	1,300	482	900	179	-	-
SHEEPSHEAD, SALTWATER	18,700	2,177	189,100	23,982	-	-
SNAPPER, RED	-	-	32,900	22,950	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	207,900	23,178	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	189,300	14,509	-	-
CRABS, BLUE, HARD	-	-	125,300	15,314	6,543,100	1,164,029
SHRIMP	-	-	74,759,400	119,881,096	-	-
SQUID	-	-	20,400	4,595	-	-
TOTAL	383,200	137,885	76,172,100	120,169,346	6,543,100	1,164,029

(CONTINUED ON NEXT PAGE)

TEXAS - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	GILL NETS, ANCHOR, SET, OR STAKE		TRAMMEL NETS		LINES	
					HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CABIO	-	-	-	-	26,800	5,004
CROAKER	2,500	311	-	-	-	-
DRUM:						
BLACK	26,900	6,930	305,000	75,973	12,600	2,151
RED	69,000	32,525	743,000	346,328	14,000	4,933
FLOUNDERS, UNCLASSIFIED	19,600	10,040	18,900	8,608	-	-
GROUPERS	-	-	-	-	60,100	11,431
POMPANO	-	-	-	-	1,900	1,881
SEA CATFISH	300	52	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	56,300	27,195	640,100	297,605	15,000	4,740
WHITE	100	23	8,400	2,808	-	-
SHEEPSHEAD, SALTWATER	5,500	543	17,800	2,730	200	25
SNAPPER, RED	-	-	-	-	462,200	330,207
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	4,300	428
FOR BAIT, REDUCTION, AND ANIMAL FOOD	100	10	-	-	-	-
TOTAL	180,300	77,629	1,733,200	734,052	597,100	360,800

SPECIES	LINES - CONTINUED		DREDGES, OYSTER, COMMON		TONGS AND GRABS, OYSTER	
	LONG OR SET WITH HOOKS					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CROAKER	46,700	3,571	-	-	-	-
DRUM:						
BLACK	1,637,600	404,071	-	-	-	-
RED	1,126,500	473,280	-	-	-	-
FLOUNDERS, UNCLASSIFIED	64,200	24,712	-	-	-	-
KING WHITING OR "KINGFISH"	1,700	65	-	-	-	-
POMPANO	2,200	1,122	-	-	-	-
SEA CATFISH	11,600	1,888	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	853,100	375,676	-	-	-	-
WHITE	34,300	15,205	-	-	-	-
SHEEPSHEAD, SALTWATER	147,700	11,866	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	10,200	1,026	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	2,000	100	-	-	-	-
OYSTERS, MARKET, PUBLIC:						
SPRING	-	-	1,764,400	1,243,377	2,000	2,294
FALL	-	-	2,111,700	1,952,067	2,600	2,473
TOTAL	3,937,800	1,312,582	3,876,100	3,195,444	4,600	4,767

GULF SHRIMP FISHERY

SUMMARY OF GULF SHRIMP LANDINGS, 1976

SIZE	BROWN		PINK	
	POUNDS	DOLLARS	POUNDS	DOLLARS
UNDER 15	1,183,071	4,960,259	175,485	687,893
15 - 20	6,894,952	26,598,465	1,180,723	4,243,049
21 - 25	7,545,210	25,523,000	1,532,245	5,119,862
26 - 30	7,143,137	20,862,103	2,089,076	6,437,891
31 - 40	14,099,834	34,021,632	3,130,940	8,127,655
41 - 50	6,424,149	12,085,779	1,951,384	3,711,901
51 - 67	8,986,541	13,702,231	3,932,796	5,668,566
68 AND OVER	26,649,368	19,344,310	693,900	592,433
PIECES	146,609	176,143	27,099	27,443
TOTAL	79,072,871	157,273,922	14,713,648	34,616,693

SIZE	WHITE		SEA BOBS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
UNDER 15	979,532	4,091,938	-	-
15 - 20	3,490,261	14,051,231	-	-
21 - 25	5,005,940	17,430,249	-	-
26 - 30	4,284,381	12,606,621	-	-
31 - 40	5,641,463	13,986,075	-	-
41 - 50	2,471,398	4,680,428	-	-
51 - 67	4,656,072	6,814,672	-	-
68 AND OVER	9,915,164	8,096,455	740,100	302,069
PIECES	84,785	79,632	-	-
TOTAL	36,528,996	81,837,301	740,100	302,069

SIZE	ROYAL RED		ROCK		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
UNDER 15	-	-	-	-	2,338,088	9,740,090
15 - 20	900	3,330	-	-	11,566,836	44,896,075
21 - 25	4,373	17,980	-	-	14,087,768	48,091,091
26 - 30	2,038	6,897	-	-	13,518,632	39,913,512
31 - 40	117,356	292,067	-	-	22,989,593	56,427,429
41 - 50	30,629	58,099	-	-	10,877,560	20,536,207
51 - 67	4,884	8,239	-	-	17,580,293	26,193,708
68 AND OVER	1,233	890	979,169	802,276	38,978,934	29,138,433
PIECES	2,800	2,425	-	-	261,293	285,643
TOTAL	164,213	389,927	979,169	802,276	132,198,997	275,222,188

NOTE:--ALL WEIGHTS ARE ON A HEADS-OFF BASIS. LANDINGS FIGURES REPRESENT THE HEADS-OFF WEIGHT AND, THEREFORE, ARE NOT DIRECTLY COMPARABLE WITH THE HEADS-ON (LIVE WEIGHT) QUANTITIES PUBLISHED IN THE GENERAL REVIEW AND REGIONAL TABLES. POUNDS OF HEADS-OFF SHRIMP MAY BE CONVERTED TO HEADS-ON (ROUND) WEIGHT BY MULTIPLYING BROWN SHRIMP WEIGHT BY 1.61; PINK, BY 1.60; WHITE, BY 1.54; SEA BOBS, BY 1.53; ROYAL RED, BY 1.80; AND ROCK SHRIMP, BY 1.67.

GULF SHRIMP LANDINGS BY SPECIES AND SIZE, 1976

SPECIES AND SIZE	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BROWN:						
UNDER 15.	10,414	41,666	166,900	707,843	3,129	13,550
15 - 20	75,588	293,672	1,080,400	4,221,566	102,521	410,629
21 - 25	137,991	463,668	1,126,600	3,918,175	104,390	356,065
26 - 30	148,269	430,444	1,144,300	3,423,660	317,400	858,104
31 - 40	157,433	395,535	1,947,900	4,843,016	391,850	881,146
41 - 50	116,833	240,765	1,060,800	1,994,169	633,490	1,137,223
51 - 67	248,983	393,592	1,485,000	2,364,155	1,137,050	1,626,205
68 AND OVER	31,596	31,962	1,260,550	1,441,346	1,232,090	1,210,562
PIECES.	-	-	9,400	8,156	-	-
TOTAL	927,107	2,291,304	9,281,850	22,922,086	3,921,920	6,493,484
PINK:						
UNDER 15.	91,046	344,063	23,100	93,538	-	-
15 - 20	941,708	3,328,858	40,700	157,795	300	1,365
21 - 25	1,425,430	4,724,014	21,400	80,016	5,356	21,677
26 - 30	1,998,099	6,114,823	11,300	42,978	3,100	10,510
31 - 40	2,951,599	7,585,737	35,400	95,975	33,250	99,875
41 - 50	1,837,817	3,458,040	27,800	64,138	63,398	132,802
51 - 67	3,774,166	5,386,241	30,900	60,017	92,258	153,073
68 AND OVER	547,636	398,868	117,700	156,522	27,930	36,049
PIECES.	26,299	26,573	600	560	-	-
TOTAL	13,593,800	31,367,217	308,900	751,539	225,592	455,351
WHITE:						
UNDER 15.	5,839	24,114	74,500	337,297	1,700	6,675
15 - 20	35,210	139,106	408,000	1,665,784	74,555	287,686
21 - 25	80,466	260,962	743,400	2,577,012	128,254	426,591
26 - 30	103,421	292,902	279,150	866,311	90,877	251,663
31 - 40	194,778	465,326	248,850	675,643	79,647	187,149
41 - 50	128,810	247,119	132,100	256,020	56,235	109,782
51 - 67	307,923	443,419	122,500	211,218	81,128	133,508
68 AND OVER	225,406	173,428	74,000	98,452	53,951	63,930
PIECES.	-	-	900	849	-	-
TOTAL	1,081,853	2,046,376	2,083,400	6,688,586	566,347	1,466,984
SEA BOBS, 68 AND OVER, TOTAL	21,693	7,091	-	-	2,500	2,080
ROYAL RED:						
15 - 20	-	-	900	3,330	-	-
21 - 25	598	1,839	900	3,060	-	-
26 - 30	863	2,776	800	2,640	-	-
31 - 40	113,791	281,156	1,400	3,814	-	-
41 - 50	28,849	53,805	700	1,540	-	-
51 - 67	3,824	6,255	200	350	-	-
68 AND OVER	703	380	200	180	-	-
PIECES.	-	-	2,700	2,325	-	-
TOTAL	148,628	346,211	7,800	17,239	-	-
ROCK, 68 AND OVER, TOTAL. .	959,002	783,581	17,600	13,625	-	-
GRAND TOTAL	16,732,083	36,841,780	11,699,550	30,393,075	4,716,359	8,417,899

SPECIES AND SIZE	LOUISIANA		TEXAS		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BROWN:						
UNDER 15.	346,156	1,405,829	656,472	2,791,371	1,183,071	4,960,259
15 - 20	531,215	2,027,820	5,105,228	19,644,778	6,894,952	26,598,465
21 - 25	674,106	2,291,077	5,502,123	18,494,015	7,545,210	25,523,000
26 - 30	596,786	1,687,461	4,936,382	14,462,434	7,143,137	20,862,103
31 - 40	1,471,937	3,387,451	10,130,714	24,514,484	14,099,834	34,021,632
41 - 50	1,296,238	2,225,472	3,316,788	6,488,150	6,424,149	12,085,779
51 - 67	2,389,073	2,917,498	3,726,435	6,400,781	8,986,541	13,702,231
68 AND OVER	21,588,635	15,133,549	2,536,497	1,526,891	26,649,368	19,344,310
PIECES.	47,791	41,710	89,418	126,277	146,609	176,143
TOTAL	28,941,937	31,117,867	36,000,057	94,449,181	79,072,871	157,273,922
PINK:						
UNDER 15.	80	320	61,259	249,972	175,485	687,893
15 - 20	4,360	16,864	193,655	738,167	1,180,723	4,243,049
21 - 25	6,235	22,948	73,824	271,207	1,532,245	5,119,862
26 - 30	5,074	18,263	71,503	251,317	2,089,076	6,437,891
31 - 40	6,404	19,478	104,287	326,590	3,130,940	8,127,655
41 - 50	2,633	6,124	19,736	50,797	1,951,384	3,711,901
51 - 67	1,600	2,880	33,872	66,355	3,932,796	5,668,566
68 AND OVER	634	994	-	-	693,900	592,433
PIECES.	200	310	-	-	27,099	27,443
TOTAL	27,220	88,181	558,136	1,954,405	14,713,648	34,616,693

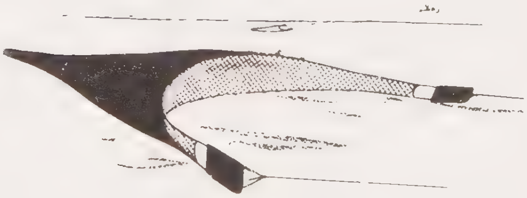
SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GULF SHRIMP LANDINGS BY SPECIES AND SIZE, 1976 - Continued

SPECIES AND SIZE	LOUISIANA		TEXAS		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
WHITE:						
UNDER 15.	623,590	2,680,669	273,903	1,043,183	979,532	4,091,938
15 - 20	1,985,031	7,959,913	987,465	3,998,742	3,490,261	14,051,231
21 - 25	2,794,760	9,631,437	1,259,060	4,534,247	5,005,940	17,430,249
26 - 30	2,577,352	7,453,790	1,233,581	3,741,955	4,284,381	12,606,621
31 - 40	3,212,065	7,859,573	1,906,123	4,798,384	5,641,463	13,986,075
41 - 50	1,404,656	2,616,109	749,597	1,451,398	2,471,398	4,680,428
51 - 67	2,747,967	3,901,101	1,396,554	2,125,426	4,656,072	6,814,672
68 AND OVER	7,281,177	6,051,766	2,280,630	1,708,879	9,915,164	8,096,455
PIECES.	79,494	72,003	4,391	6,780	84,785	79,632
TOTAL	22,706,092	48,226,361	10,091,304	23,408,994	36,528,996	81,837,301
SEA BOBS, 68 AND OVER, TOTAL.	479,911	229,452	235,996	63,446	740,100	302,069
ROYAL RED:						
15 - 20	-	-	-	-	900	3,330
21 - 25	2,875	13,081	-	-	4,373	17,980
26 - 30	375	1,481	-	-	2,038	6,897
31 - 40	2,165	7,097	-	-	117,356	292,067
41 - 50	1,080	2,754	-	-	30,629	58,099
51 - 67	860	1,634	-	-	4,884	8,239
68 AND OVER	330	330	-	-	1,233	890
PIECES.	100	100	-	-	2,800	2,425
TOTAL	7,785	26,477	-	-	164,213	389,927
ROCK, 68 AND OVER, TOTAL. .	-	-	2,567	5,070	979,169	802,276
GRAND TOTAL	52,162,945	79,688,338	46,888,060	119,881,096	132,198,997	275,222,188

NOTE:--ALL WEIGHTS ARE ON A HEADS-OFF BASIS. LANDINGS FIGURES REPRESENT THE HEADS-OFF WEIGHT AND, THEREFORE, ARE NOT DIRECTLY COMPARABLE WITH THE HEADS-ON (LIVE WEIGHT) QUANTITIES PUBLISHED IN THE GENERAL REVIEW AND REGIONAL TABLES. POUNDS OF HEADS-OFF SHRIMP MAY BE CONVERTED TO HEADS-ON (ROUND) WEIGHT BY MULTIPLYING BROWN SHRIMP WEIGHT BY 1.61; PINK, BY 1.60; WHITE, BY 1.54; SEA BOBS, BY 1.53; ROYAL RED, BY 1.80; AND ROCK SHRIMP, BY 1.67.



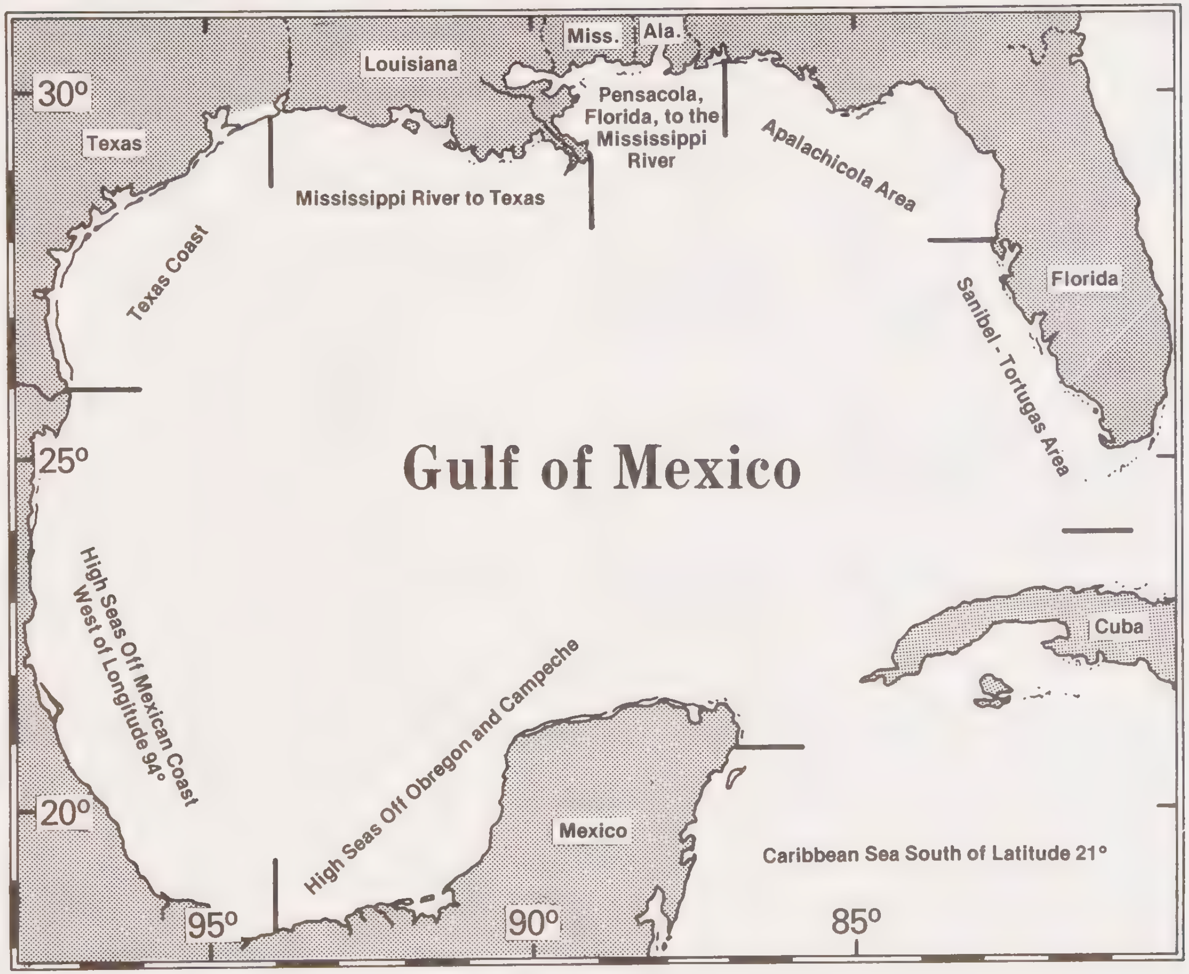
SHRIMP OTTER TRAWL

SOUTH ATLANTIC AND GULF COAST SHRIMP LANDINGS, 1976

SPECIES AND SIZE	SOUTH ATLANTIC		GULF		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BROWN:						
UNDER 15.	-	-	1,183,071	4,960,259	1,183,071	4,960,259
15 - 20	27,337	102,579	6,894,952	26,598,465	6,922,289	26,701,044
21 - 25	382,599	1,143,034	7,545,210	25,523,000	7,927,809	26,666,034
26 - 30	605,524	1,596,345	7,143,137	20,862,103	7,748,661	22,458,448
31 - 40	1,813,628	4,016,268	14,099,834	34,021,632	15,913,462	38,037,900
41 - 50	1,587,901	2,804,166	6,424,149	12,085,779	8,012,050	14,889,945
51 - 67	1,337,210	1,731,635	8,986,541	13,702,231	10,323,751	15,433,866
68 AND OVER	240,479	235,035	26,649,368	19,344,310	26,889,847	19,579,345
PIECES.	-	-	146,609	176,143	146,609	176,143
TOTAL	5,994,678	11,629,062	79,072,871	157,273,922	85,067,549	168,902,984
PINK:						
UNDER 15.	-	-	175,485	687,893	175,485	687,893
15 - 20	6,486	23,846	1,180,723	4,243,049	1,187,209	4,266,895
21 - 25	2,283	9,144	1,532,245	5,119,862	1,534,528	5,129,006
26 - 30	21,936	76,779	2,089,076	6,437,891	2,111,012	6,514,670
31 - 40	56,587	140,872	3,130,940	8,127,655	3,187,527	8,268,527
41 - 50	305,594	600,691	1,951,384	3,711,901	2,256,978	4,312,592
51 - 67	576,335	939,938	3,932,796	5,668,566	4,509,131	6,608,504
68 AND OVER	165,184	160,266	693,900	592,433	859,084	752,699
PIECES.	-	-	27,099	27,443	27,099	27,443
TOTAL	1,134,405	1,951,536	14,713,648	34,616,693	15,848,053	36,568,229
WHITE:						
UNDER 15.	768	2,782	979,532	4,091,938	980,300	4,094,720
15 - 20	27,462	99,634	3,490,261	14,051,231	3,517,723	14,150,865
21 - 25	991,345	3,615,931	5,005,940	17,430,249	5,997,285	21,046,180
26 - 30	1,813,445	5,772,281	4,284,381	12,606,621	6,097,826	18,378,902
31 - 40	2,203,164	5,462,303	5,641,463	13,986,075	7,844,627	19,448,378
41 - 50	1,321,575	2,400,076	2,471,398	4,680,428	3,792,973	7,080,504
51 - 67	2,047,724	2,963,326	4,656,072	6,814,672	6,703,796	9,777,998
68 AND OVER	925,891	839,312	9,915,164	8,096,455	10,841,055	8,935,767
PIECES.	-	-	84,785	79,632	84,785	79,632
TOTAL	9,331,374	21,155,645	36,528,996	81,837,301	45,860,370	102,992,946
SEA BOBS, 68 AND OVER, TOTAL.	-	-	740,100	302,069	740,100	302,069
ROYAL RED:						
15 - 20	-	-	900	3,330	900	3,330
21 - 25	1,021	3,378	4,373	17,980	5,394	21,358
26 - 30	2,294	6,653	2,038	6,897	4,332	13,550
31 - 40	1,116	2,827	117,356	292,067	118,472	294,894
41 - 50	3,623	7,306	30,629	58,099	34,252	65,405
51 - 67	2,520	3,866	4,884	8,239	7,404	12,105
68 AND OVER	-	-	1,233	890	1,233	890
PIECES.	-	-	2,800	2,425	2,800	2,425
TOTAL	10,574	24,030	164,213	389,927	174,787	413,957
ROCK, 68 AND OVER, TOTAL. .	151,067	146,489	979,169	802,276	1,130,236	948,765
GRAND TOTAL	16,622,098	34,906,762	132,198,997	275,222,188	148,821,095	310,128,950

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON WEIGHT MULTIPLY BY 1.61 FOR BROWN, 1.60 FOR PINK, 1.54 FOR WHITE, 1.53 FOR SEA BOBS, 1.80 FOR ROYAL RED, AND 1.67 FOR ROCK SHRIMP. THE STATES LISTED REPRESENT THE STATES WHERE THE SHRIMP WERE LANDED REGARDLESS OF WHERE CAUGHT. THE NAMES OF THE SPECIES USED IN THESE TABLES ARE AS FOLLOWS: BROWN SHRIMP (MOSTLY PENAEUS AZTECUS), PINK SHRIMP (MOSTLY PENAEUS DUORARUM), WHITE SHRIMP (MOSTLY PENAEUS SETIFERUS), SEA BOBS (MOSTLY XIPHOPENAEUS KROYERI), ROYAL RED SHRIMP (MOSTLY HYMENCPENAEUS ROBUSTUS), AND ROCK SHRIMP (MOSTLY SICYONIA SPP.). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSELS FOR THE FIRST SALE AT THE DOCK. ANY EXPENSES INVOLVED IN HANDLING OR PROCESSING ASHORE ARE NOT INCLUDED, EVEN THOUGH CHARGEABLE TO THE VESSEL. THE SIZE REPORTED GENERALLY IS THAT USED AS OF THE FIRST SALE. SIZE GRADING IN VARYING DEGREES OF UNIFORMITY MAY OR MAY NOT OCCUR AT, OR PRIOR TO, THE TIME FIRST SALES ARE MADE. IF GRADING IS NOT DONE AT THIS TIME, THE SIZE REPORTED IS AN AVERAGE SIZE AND MAY INCLUDE SEVERAL SIZE CLASSIFICATIONS.

MAJOR SHRIMP CATCH STATISTICAL AREAS, GULF OF MEXICO


Miss.
Ala.
Louisiana
30°
Texas
Pensacola, Florida, to the Mississippi River
Apalachicola Area
Mississippi River to Texas
Texas Coast
Florida
Sanibel - Tortugas Area
25°
Gulf of Mexico
High Seas Off Mexican Coast West of Longitude 94°
Cuba
High Seas Off Obregon and Campeche
20°
Mexico
Caribbean Sea South of Latitude 21°
95°
90°
85°

GULF COAST SHRIMP CATCH BY AREA, DEPTH, AND SIZE, 1976

MAJOR WATER AREA, DEPTH, AND SPECIES	TRIPS	SIZE (HEADS-OFF PER POUND)								TOTAL
		UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 & OVER 1/	
	NUMBER	- - - -	- - - -	- - - -	- - - -	POUNDS	- - - -	- - - -	- - - -	- - - -
SANIBEL AND TORTUGAS										
0 - 5 FATHOMS: PINK		-	883	466	848	42,480	61,676	37,742	4,207	148,302
6 - 20 FATHOMS: PINK		15,940	468,106	855,262	1,225,280	2,182,360	1,447,116	3,171,248	616,134	9,981,446
21 - 40 FATHOMS: PINK		290	80,353	112,480	75,931	139,506	6,595	-	-	415,155
6 - 10 FATHOMS: WHITE		75	30	-	-	-	-	-	-	105
6 - 20 FATHOMS: ROYAL RED		-	-	-	-	2,176	-	-	-	2,176
21 - 300 FATHOMS: ROYAL RED		-	-	-	-	96,930	28,484	2,824	703	128,941
6 - 20 FATHOMS: P. BRASIL.		-	152	2,694	-	-	-	-	-	2,846
6 - 20 FATHOMS: ROCK		93,019	-	-	-	-	-	-	-	93,019
21 - 40 FATHOMS: ROCK		21,979	-	-	-	-	-	-	-	21,979
TOTAL	6,928.5	131,303	549,524	970,902	1,302,059	2,463,452	1,543,871	3,211,814	621,044	10,793,969
APALACHICOLA AREA										
0 - 5 FATHOMS: BROWN		231	1,540	1,854	11,997	73,059	73,984	211,218	29,682	403,565
6 - 15 FATHOMS: BROWN		-	1,391	-	585	3,038	561	-	-	5,575
0 - 5 FATHOMS: PINK		-	3,510	1,844	13,577	94,701	130,287	328,648	38,298	610,865
6 - 20 FATHOMS: PINK		92,074	353,407	220,534	209,169	284,244	200,872	250,349	28,673	1,639,322
21 - 30 FATHOMS: PINK		-	-	-	2,325	-	-	-	-	2,325
0 - 5 FATHOMS: WHITE		864	20,570	17,744	54,261	145,163	109,520	295,724	223,704	867,550
6 - 15 FATHOMS: WHITE		-	1,992	496	206	2,633	2,430	4,481	1,213	13,451
0 - 5 FATHOMS: SEA BOB		21,489	-	-	-	-	-	-	-	21,489
6 - 15 FATHOMS: SEA BOB		204	-	-	-	-	-	-	-	204
21 - 280 FATHOMS: ROYAL RED		-	-	225	373	6,350	365	1,000	-	8,313
0 - 5 FATHOMS: ROCK		509	-	-	-	-	-	-	-	509
6 - 20 FATHOMS: ROCK		748,397	-	-	-	-	-	-	-	748,397
TOTAL	12,709.0	863,768	382,410	242,697	292,493	609,188	518,019	1,091,420	321,570	4,321,565
PENSACOLA TO MISSISSIPPI RIVER										
0 - 5 FATHOMS: BROWN		100	1,720	15,774	130,358	456,648	956,433	1,775,873	2,913,764	6,250,670
6 - 20 FATHOMS: BROWN		30,390	36,510	85,776	203,046	573,537	517,249	766,454	508,213	2,721,175
21 - 45 FATHOMS: BROWN		42,360	206,846	414,763	408,027	488,920	139,533	38,597	27,860	1,766,906
0 - 5 FATHOMS: PINK		-	300	-	1,300	15,906	53,940	66,022	25,030	162,498
6 - 20 FATHOMS: PINK		-	-	5,356	1,800	17,689	11,138	19,484	5,300	60,767
0 - 5 FATHOMS: WHITE		2,774	93,060	182,815	146,723	215,591	147,838	182,902	460,768	1,432,471
6 - 20 FATHOMS: WHITE		24,405	135,620	259,521	112,575	137,929	49,630	55,447	32,673	807,800
21 - 35 FATHOMS: WHITE		5,193	13,488	2,184	16,500	19,655	627	5,000	900	63,547
0 - 5 FATHOMS: SEA BOB		2,500	-	-	-	-	-	-	-	2,500
21 - 280 FATHOMS: ROYAL RED		-	900	1,273	1,290	9,735	700	200	2,900	16,998
6 - 20 FATHOMS: ROCK		13,551	-	-	-	-	-	-	-	13,551
TOTAL	30,306.9	121,273	488,444	967,462	1,021,619	1,935,610	1,877,088	2,909,979	3,977,408	13,298,883
MISSISSIPPI RIVER TO TEXAS										
0 - 5 FATHOMS: BROWN		7,715	82,111	52,150	42,442	147,345	213,039	1,011,346	19,382,294	20,938,442
6 - 20 FATHOMS: BROWN		121,827	427,991	620,361	929,398	2,826,817	1,290,720	1,584,775	1,253,874	9,055,763
21 - 75 FATHOMS: BROWN		388,683	3,038,716	1,964,538	1,161,870	1,034,471	168,887	118,362	68,249	7,943,776
0 - 5 FATHOMS: WHITE		126,976	893,725	1,749,938	2,034,204	2,626,602	1,144,882	2,550,291	7,198,274	18,324,892
6 - 20 FATHOMS: WHITE		555,750	1,610,060	1,757,974	877,080	921,918	350,961	297,464	169,178	6,540,385
21 - 65 FATHOMS: WHITE		8,317	22,971	85,365	39,282	15,801	2,297	2,743	1,259	178,035
0 - 5 FATHOMS: SEA BOB		603,503	-	-	-	-	-	-	-	603,503
21 - 105 FATHOMS: ROYAL RED		-	-	2,875	375	2,165	1,080	860	430	7,785
TOTAL	171,257.4	1,812,771	6,075,574	6,233,201	5,084,651	7,575,119	3,171,867	5,565,841	28,073,558	63,592,58

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GULF COAST SHRIMP CATCH BY AREA, DEPTH, AND SIZE, 1976 - Continued

MAJOR WATER AREA, DEPTH, AND SPECIES	TRIPS	SIZE (HEADS-OFF PER POUND)								TOTAL
		UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 & OVER 1/	
	NUMBER	POUNDS								
TEXAS COAST										
0 - 5 FATHOMS: BROWN		3,793	36,338	81,179	112,989	131,562	24,526	115,944	2,451,916	2,958,247
6 - 20 FATHOMS: BROWN		157,141	775,656	1,979,303	2,811,400	7,072,597	2,628,433	2,878,312	128,355	18,431,197
21 - 50 FATHOMS: BROWN		273,609	2,046,745	2,134,324	1,122,226	1,005,231	364,615	409,428	31,770	7,387,948
6 - 20 FATHOMS: PINK		-	-	763	58	12	-	-	-	833
0 - 5 FATHOMS: WHITE		33,904	142,056	192,727	427,301	901,590	511,411	1,119,157	1,583,374	4,911,520
6 - 20 FATHOMS: WHITE		219,257	547,705	751,688	570,965	644,615	142,016	140,454	328,606	3,345,306
21 - 40 FATHOMS: WHITE		1,610	8,263	2,546	4,464	7,970	7,406	-	-	32,259
0 - 5 FATHOMS: SEA BOB		32,510	-	-	-	-	-	-	-	32,510
6 - 10 FATHOMS: SEA BOB		79,894	-	-	-	-	-	-	-	79,894
6 - 15 FATHOMS: ROCK		2,528	-	-	-	-	-	-	-	2,528
TOTAL.	61,522.4	804,246	3,556,763	5,142,530	5,049,403	9,763,577	3,678,407	4,663,295	4,524,021	37,182,242
HIGH SEAS OFF MEXICAN COAST WEST OF 94° LONGITUDE										
6 - 20 FATHOMS: BROWN		-	4,689	9,430	9,795	16,899	4,688	11,587	-	57,088
21 - 55 FATHOMS: BROWN		144,646	226,105	183,423	195,350	264,423	41,481	64,645	-	1,120,073
6 - 10 FATHOMS: WHITE		27	278	495	820	1,996	2,379	1,572	-	7,567
TOTAL.	974.7	144,673	231,072	193,348	205,965	283,318	48,548	77,804	-	1,184,728
HIGH SEAS OFF OBREGON AND CAMPECHE										
6 - 20 FATHOMS: BROWN		12,576	8,594	2,335	3,654	5,287	-	-	-	32,446
6 - 20 FATHOMS: PINK		4,134	75,087	28,436	51,560	43,356	8,307	24,980	230	236,090
21 - 45 FATHOMS: PINK		61,841	161,098	66,236	66,964	104,600	17,335	26,149	-	504,223
6 - 15 FATHOMS: WHITE		380	443	2,447	-	-	-	-	-	3,270
6 - 20 FATHOMS: P. BRASIL.		1,066	11,320	55,788	206,086	88,283	9,525	6,427	2,787	381,282
21 - 060 FATHOMS: P. BRASIL.		140	26,507	182,386	234,178	117,803	4,593	1,747	340	567,694
6 - 20 FATHOMS: ROCK		19,239	-	-	-	-	-	-	-	19,239
21 - 50 FATHOMS: ROCK		79,947	-	-	-	-	-	-	-	79,947
TOTAL.	900.7	179,323	283,049	337,628	562,442	359,329	39,760	59,303	3,357	1,824,191
ATLANTIC OCEAN										
0 - 5 FATHOMS: WHITE	.4	-	-	-	-	-	-	837	-	837
GRAND TOTAL.	284,600.0	4,057,357	11,566,836	14,087,768	13,518,632	22,989,593	10,877,560	17,580,293	37,520,958	132,198,997

1/ INCLUDES PIECES.

NOTE:--THESE DATA REPRESENT THE CATCH OF VESSELS COMPLETING TRIPS DURING THE MONTH, REGARDLESS OF WHEN THE LANDINGS OCCURRED. CONSEQUENTLY, THE DATA ARE NOT DIRECTLY COMPARABLE WITH DATA IN THE TABLE ON SHRIMP LANDINGS. A SINGLE TRIP IS SHOWN FOR EACH VOYAGE. FOR THE SHRIMP CATCH IN THE GULF OF MEXICO, ADDITIONAL TABULATIONS IN MORE DETAIL BY AREA, DEPTH, SIZE, AND FISHING EFFORT ARE SHOWN IN "GULF COAST SHRIMP DATA", A MONTHLY AND ANNUAL BULLETIN THAT MAY BE OBTAINED FROM THE NATIONAL MARINE FISHERIES SERVICE, RESOURCE STATISTICS DIVISION, WASHINGTON, D.C. 20235.

SECTION 7
PACIFIC COAST FISHERIES

Landings by U.S. commercial fishermen in the Pacific Coast States of Alaska, Washington, Oregon, and California were 1.8 billion pounds valued at a record $537 million in 1976, up 15 percent in quantity and 56 percent in value compared with 1975. Pacific Coast landings were the largest in quantity since 1950. Sharply higher landings in Alaska and moderate increases in California and Oregon offset a small decline in Washington in 1976. The record value was due to a combination of higher prices, as the fisheries recovered from the economic slump of 1975, and heavier landings of high value species, namely salmon and crabs.

In terms of quantity, California accounted for slightly over half of total Pacific Coast landings in 1976. Tuna made up by far the largest share in terms of value.

Alaska again led the other States in 1976 with $239 million followed by California with $187 million. Three high value species made up most of the value of Alaska landings—salmon, king crab, and snow crab. Tuna made up the bulk of the value of landings in California.

The total foreign catch in 1976 from Pacific Coast waters was 1.9 million metric tons (4.2 billion pounds) down almost 5 percent compared with 1975, but still more than twice the size of the domestic catch. This was the fifth year in a row that foreign catches have declined since 1971, the peak year. The catch of all countries either declined or increased only slightly, except for Korea. The total catch by Korean vessels in 1976 was more than 6 times greater than in 1975. The total foreign catch declined in all areas of the Pacific Coast except the Gulf of Alaska, where it increased by 27 percent over the 1975 catch.

Two factors have been at work to reduce foreign catches in recent years. The first, and probably most important, was a marked reduction in abundance of Alaska pollock and other target species. The second factor was the decision by various foreign governments to reduce fishing. In part this decision was a result of reduced catches caused by low abundance and in part a result of international agreements between the fishing nations and the United States to reduce fishing to preserve the stocks.

In 1976, Japan with 1.1 million metric tons, accounted for 59 percent of the total foreign catch off the Pacific Coast States; the U.S.S.R., with 616,000 metric tons, for 32 percent; Korea, with 14,000 metric tons, 7 percent; Poland, with 25,000 metric tons, 1 percent; and Canada, with 3,300 metric tons, less than 1 percent. Catches from waters off Alaska accounted for more than 89 percent of the foreign catch off Pacific Coast States; catches off California, Oregon, and Washington accounted for the remainder.

Alaska pollock was the leading species in the foreign catch, accounting for more tonnage than all other species combined. In 1976, the foreign catch of Alaska pollock was 2.7 billion pounds (1,237,000 metric tons). The catch of Pacific hake was 392 million pounds (178,000 metric tons); flounder, turbots, and other flatfish except halibut, 176 million pounds (80,000 metric tons); Pacific ocean perch, 159 million pounds (72,000 metric tons); atka mackerel, 134 million pounds (61,000 metric tons); cod, 129 million pounds (59,000 metric tons); sablefish, 92 million pounds (42,000 metric tons); sea herring, 51 million pounds (23,000 metric tons); rockfishes, except Pacific ocean perch, 48 million pounds (22,000 metric tons); and snow (tanner) crab, 22 million pounds (10,000 metric tons). The bulk of the remainder consisted of miscellaneous groundfish species. Catches of salmon, shrimp, halibut, jack mackerel, and snails were negligible.

Fishermen and craft. The Pacific Coast fleet of fishing vessels (craft of 5 net tons or more) continued to increase in number and total tonnage in 1976, a trend unbroken since 1964. The number of boats (craft of less than 5 net tons) however, has shown no upward or downward trend in recent years.

In 1976, the number of fishing vessels was 7,193 with a total tonnage of 284,682, up 2 percent in number and 6 percent in tonnage compared with 1975. The number of fishermen aboard these vessels rose to 23,702 in 1976, up 4 percent. The number of boats in service rose to 13,838 in 1976, 4 percent more than in 1975. The number of fishermen on boats and shore was 24,661 in 1976, an increase of 12 percent compared with 1975.

Processed products. The value of Pacific Coast production of processed products was a record $1.1 billion in 1976, up 37 percent compared with 1975. California accounted for 54 percent of the total; Alaska, 33 percent; Washington, 7 percent; and Oregon, 6 percent. The production of canned products, mainly tuna and salmon, comprised 65 percent of the total for the Pacific Coast States; fresh and frozen products, 30 percent; and cured products made up the remainder.

PACIFIC COAST FISHERIES

The increase in the value of processed products was due to sharply higher production levels of fresh, frozen, and canned products and moderate increases in prices. The Pacific Coast States had 398 processing plants that employed a total of 17,723 on a regular basis and 25,988 at the season's peak in 1976. In the same year, there were 146 wholesale establishments employing 1,711 persons on a regular basis and 2,255 at the season's peak. Compared with 1975, the number of processing plants declined by 53 and the number of regular employees by 832. The number of seasonal workers, however, increased slightly.

Anchovy. Pacific Coast landings of anchovy (northern anchovy) were 263.5 million pounds valued at $6.6 million in 1976—a decrease of 20 percent in quantity and 45 percent in value compared with the record harvest in calendar year. Virtually all U.S. landings of anchovy are caught in California waters. Slightly more than 90 percent of the catch was taken by purse seine vessels and used primarily for reduction to fish meal and oil. The remainder was caught in lampara nets and sold live for bait.

Although anchovy landings are shown here on a calendar-year basis, the State of California regulated the anchovy season to begin in August and continue into May of the following year. The record harvest in 1975 was due to a relaxation of these regulations to allow more fishing for reduction purposes. For the new season beginning in August 1976, however, the California Fish and Game Commmission adopted a more restrictive policy.

Bonito. Landings of bonito were 8.9 million pounds valued at $1.2 million in 1976, down 72 percent in quantity and 69 percent in value compared with the record landings of 1975. All landings were made at California ports; 5.0 million pounds (62 percent) came from waters south of California, the remainder came from California waters.

Deliveries to canneries were low all during 1976 despite sharply higher prices than in 1975. At the beginning of the season in July, 1976, the price offered by canning companies, the principal users, was $280 per ton for bonito larger than 5 pounds. The beginning price in 1975 was much lower, ranging from $210 to $240 per ton. In November 1976 the price was increased to $290 per ton, but deliveries remained low.

Flounders. Landings of Pacific flounders and turbot reached a record 62.0 million pounds valued at $10.3 million in 1976. This reord was 9 percent more in quantity and 19 percent more in value compared with 1975, the previous record year. Slightly over 90 percent of the total landings consisted of various species of sole—dover , english ,petrale, and rex sole. The most important of which was dover sole. California was the leading State accounting for 57 percent of total flounder and turbot landings. Oregon folllowed with 24 percent; Washington, 18 percent; and Alaska, 1 percent.

Jack mackerel. Pacific Coast landings of jack mackerel were 44.9 million pounds valued at $2.1 million in 1976, up 22 percent in quantity and 23 percent in value compared with 1975. Jack mackerel landings hit a low point of 20.7 million pounds in 1973 when a major jack mackerel canning plant in California was severely damaged by fire. The plant has been rebuilt and landings have increased, but not to the level occuring before the fire. All or virtually all jack mackerel are caught in waters off the State of California and landed at Southern California ports.

Halibut. Landings of Pacific halibut at ports in the Pacific States were 18.1 million pounds valued at $21.8 million in 1976, a 14 percent decrease in quantity, but a 35 percent increase in value compared with 1975. Although the quantity caught was the second lowest in recent years, the total value of the landings was the highest on record. Inflation and the relative scarcity of halibut caused very high prices. Slightly over 90 percent of total landings were made in Alaska. Almost all of the remainder was landed in Washington. Kodiak, Seward, and Petersburg, Alaska were the leading halibut ports.

Prices received by fishermen were relatively unchanged throughout 1976, and averaged about $1.25 per pound. The price spread between large and medium halibut decreased compared with other recent years. Similarly, the difference in price between northern and southern ports has diminished.

Management of the Pacific halibut fishery of the United States and Canada is coordinated through the International Pacific Halibut Commission (IPHC). The IPHC annual report for 1976 shows that there was a low stock size, and a long term reduction in the number of young halibut entering the fishery. It is believed that the foreign catch of halibut taken incidentally when fishing for other species was an important factor in the depletion of halibut stocks.

PACIFIC COAST FISHERIES

Lingcod. Pacific Coast landings of lingcod were 7.8 million pounds valued at $1.1 million in 1976, down 15 percent in quantity and 8 percent in value compared with 1975. Washington was the leading State with 45 percent of the total; California was next with 40 percent; then Oregon, 14 percent; and Alaska, 1 percent.

Pacific cod. U.S. landings of Pacific cod were 12.9 million pounds valued at $1.7 million in 1976, up 6 percent in quantity and 24 percent in value compared with 1975. The quantity landed in 1976 was the largest since 1959. Washington led the other States with 91 percent of the total quantity; Alaska and Oregon accounted for the remainder.

The foreign catch of Pacific cod was 129.6 million pounds in 1976, up 2 percent compared with 1975 and 28 percent above the average for the previous 5 years. All of the catch was taken in Alaska waters. Japan took 57 percent; the U.S.S.R., 41 percent, and the Republic of Korea accounted for the remainder. Poland and Canada dropped out of the fishery in 1976.

Pacific hake. U.S. landings of Pacific hake (whiting) were 4.2 million pounds valued at $77,000 up 25 percent in quantity and 54 percent in value. Almost 90 percent of the catch was landed in Washington; Oregon and California accounted for the remainder.

Foreign catches totaled 392.0 million pounds in 1976, down 10 percent from 1975 and 12 percent from 1974, the record year. The U.S.S.R. share was 339.3 million pounds in 1976, down slightly from 1975. The Polish catch, however, was 52.2 million pounds in 1976 compared with 91.6 million pounds in 1975. All of the catch came from waters off California, Oregon, and Washington.

Pacific ocean perch and other rockfishes. Total U.S. landings of Pacific ocean perch and other rockfishes were 49.6 million pounds valued at $6.9 million in 1976, an increase of 28 percent in quantity and 43 percent in value compared with 1975. The quantity was the largest since 1965 and the value was a record. Landings of Pacific ocean perch were 5.4 million pounds in 1976, up sharply from 1975. Landings of other rockfishes were 44.3 million pounds in 1976, 27 percent above 1975, and the largest since the record year, 1945.

Foreign catches off the Pacific Coast States were several times larger than domestic landings. In 1976, foreign catches, although 10 percent below 1975, were 207.3 million pounds. The Pacific ocean perch catch was 158.5 million pounds, and the catch of other rockfishes was 48.7 million pounds. Most of the catch was made in the Gulf of Alaska (61 percent) and in the Bering Sea and Aleutians (34 percent). The remainder (4 percent or 8.6 million pounds) was taken in waters off California, Oregon, and Washington.

Sea herring. U.S. landings of Pacific sea herring were 43.5 million pounds valued at $3.9 million in 1976, down 15 percent in quantity but up 7 percent in value compared with 1975. Alaska accounted for 75 percent of the total quantity landed; Washington, 14 percent; and California, 11 percent. About 67 percent of Pacific sea herring landings was used for human consumption; almost all of the remainder was used as bait in other fisheries.

Landings of sea herring, which as recently as 1959 were 114.7 million pounds declined to very low levels in 1965-72. In that period they ranged from a high of 34.5 million pounds in 1965 to a low of 14.2 million pounds in 1971. Since 1973, however, landings have recovered, and have been over 40 million pounds in 1973-76.

The foreign catch off U.S. shores was 51.0 million pounds in 1976, up 35 percent compared with 1975. The U.S.S.R. accounted for 73 percent; Japan, 27 percent. In 1976, all of the catch came from the Bering Sea-Aleutian area. In 1975, however, about 3 million pounds were taken in the Washington-Oregon-California area, and the remainder from the Bering Sea-Aleutian area.

Sablefish. U.S. landings of sablefish (black cod) were 17.6 million pounds valued at $2.3 million in 1976, down 9 percent in quantity and 12 percent in value compared with 1975, the record year. Fluctuations in the landings from year to year are caused by changes in market demand. However, consistently large landings since 1972 are in large part a result of a growing market for export to Japan. About three-fourths of total landings are made in California.

PACIFIC COAST FISHERIES

The foreign catch of sablefish off the Pacific Coast States was 92.1 million pounds in 1976, up 28 percent compared with 1975. Japan accounted for 54 percent of total landings, and the Republic of Korea, 45 percent. The U.S.S.R. and Canada accounted for the small remainder.

The foreign catch of sablefish in the California-Oregon-Washington area was 33.9 million pounds in 1976. The catch in the Gulf of Alaska was 49.2 million pounds; and the Bering Sea-Aleutian area, 9.0 million pounds.

Pacific salmon. Pacific salmon landings were 310.1 million pounds valued at a record 191.0 million, up 54 percent in volume and 78 percent in value compared with 1975. Landings were above the previous 5-year average of 237.9 million pounds and the best since 1971.

Commercial landings in Alaska were 245.9 million pounds, an increase of 79 percent compared with 1975. Major runs were good or above average for Bristol Bay, Kodiak, the Alaska Peninsula, Prince William Sound, Cook Inlet, and the Yukon. In southeastern Alaska, pink salmon stocks seemed unable to recover from the harsh winters of the early 1970's. Fraser River catches were the best since 1912. Alaska landings of commercial pink salmon landings (102.4 million pounds) increased 105 percent; red salmon (75.7 million pounds), up 77 percent; chum salmon (47.6 million pounds), up 55 percent; and silver (11.2 million pounds) and chinook (8.9 million pounds) increased 57 and 30 percent, respectively.

Commercial Washington landings of salmon were 41.2 million pounds in 1976, a decline of 9 percent compared with 1975. The principal reason for the decline was in landings of pink salmon as a result of the usual off-year (even year) production in Puget Sound.

Oregon commercial landings of salmon (15.3 million pounds) were the best since 1971. Silver salmon were 10.5 million pounds, up 80 percent, while chinook landings increased only slightly compared with 1975.

California salmon landings increased slightly in 1976 to 7.8 million pounds, compared with 6.9 million pound in 1975. The North Pacific Regional Fishery Management Council is developing a Fishery Management Plan for the recreational and commercial troll salmon fisheries.

Almost all foreign fishing for salmon in waters off the Pacific Coast is prohibited by treaty. Fishing for salmon in these waters by Canadian vessels is regulated under bilateral agreements with Canada.

Tuna. Landings of tuna in the Pacific Coast States were a record 449.8 million pounds in 1976, up 25 percent compared with 1975 and 33 percent more than the average for the previous 5 years. The value of 1976 landings also was a record. Larger than usual landings of both skipjack and yellowfin tuna were responsible for the 1976 record quantity. Yellowfin landings of 283.0 million pounds were a record. Skipjack landings of 128.9 million pounds, although not a record, were almost 70 percent above the average for the previous 5 years.

In 1976, yellowfin landings accounted for 60 percent of Pacific Coast tuna landings; skipjack accounted for 27 percent; albacore, 9 percent; and bluefin, 4 percent. California accounted for 95 percent of Pacific Coast landings in 1976. Oregon and Washington received the remainder.

Yellowfin tuna fishing by U.S. fishermen is closely regulated by NMFS and the U.S. Coast Guard in a major producing area of the eastern Pacific Ocean. The regulation is in response to recommendations of the Inter-American Tropical Tuna Commission (IATTC). In the Commission's Yellowfin Regulatory Area (CYRA) the total yellowfin quota for member nations in 1976 was 175,000 short tons with allowances for two increments of 10,000 tons each should data from the fishery warrant such increases. In 1976 the CYRA season on yellowfin opened on January 1. The quota was easily reached, and the season was closed March 27. The U.S. share of the yellowfin catch in the CYRA was 70 percent, up from 62 percent in 1975.

Crabs, dungeness. Landings of dungeness crabs in the Pacific Coast States were 34.4 million pounds valued at a record 20.8 million in 1976, up 87 percent in quantity compared with 1975 and 48 percent above the average for the previous 5 years. The increase in 1976 was attributed to a strong incoming year class which attracted commercial fishing craft into the fishery. California accounted for 46 percent of landings in 1976; Washington, 26 percent; Oregon, 23 percent; and Alaska for the remainder.

PACIFIC COAST FISHERIES

Crabs, king. Pacific Coast landings of king crab, all of which were made in Alaska, were 105.9 million pounds valued at a record $68.7 million in 1976, up 8 percent in quantity and 80 percent in value compared with 1975. King crab landings have risen irregularly since the low pouint of 52.1 million pounds in 1970, but are well below the record 159.2 million pounds set in 1966.

As a result of international agreements, fishing by foreign vessels for king crab in waters off Alaska was not permitted after 1973.

Crabs, snow (tanner). U.S. landings of snow crab were a record 80.8 million pounds valued at a record $16.2 million in 1976, up 72 percent in quantity and 130 percent in value. With the general recovery of exvessel prices from the lows reached in 1975, additional vessels entered the fishery, and the number of "other" crab pots (consisting in very large part of snow crab pots) in Alaska rose to 47,510, up 27 percent compared with 1975.

Foreign catches off U.S. shores of snow crab were 22.5 million pounds (10,200 metric tons) in 1976, the same as in 1975. Japan was the only taking country.

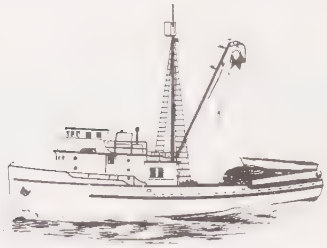
Oysters. The yield of oyster meats in the Pacific Coast States in 1976 was 6.4 million pounds valued at $8.4 million—increases of 10 percent in volume and 12 percent in value over 1975. Washington with 86 percent of the production was the only state with an increase in volume in 1976.

Shrimp. Landings of Pacific Coast shrimp were 167.9 million pounds valued at $20.1 million in 1976—up 20 percent in volume and 45 percent in value over 1975. Alaska led in U.S. production for the fifth consecutive year with a record 128.7 million pounds—30 percent over 1975. Landings of shrimp in Oregon were a record 25.5 million pounds (up 7 percent). Shrimp landings in Washington were 9.4 million pounds, down 7 percent and California with 4.4 million pounds declined 64 percent from 1975.

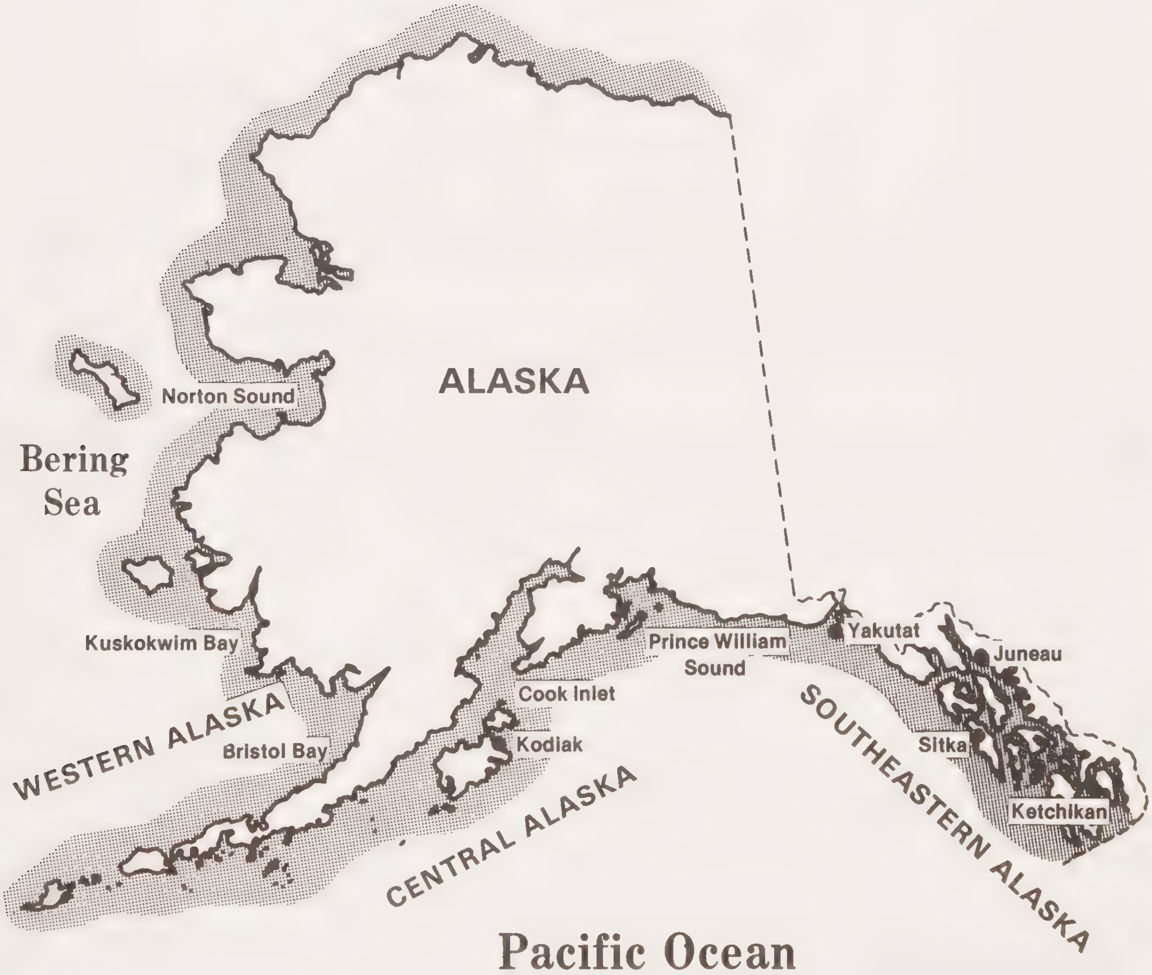
The foreign catch of shrimp in Pacific Coast waters was 955,000 pounds (433 metric tons) in 1976, up from 498,000 pounds (226 metric tons) in 1975, but far below the record of 19.7 million pounds (8,930 metric tons in 1965).

Acknowledgments. The following organizations collected data or supplied narrative material for this section: Alaska Department of Fish and Game, Washington Department of Fisheries, Oregon Fish Commission, California Department of Fish and Game, and the Pacific Marine Fisheries Commission.

PACIFIC COAST FISHERIES



PACIFIC COAST STATES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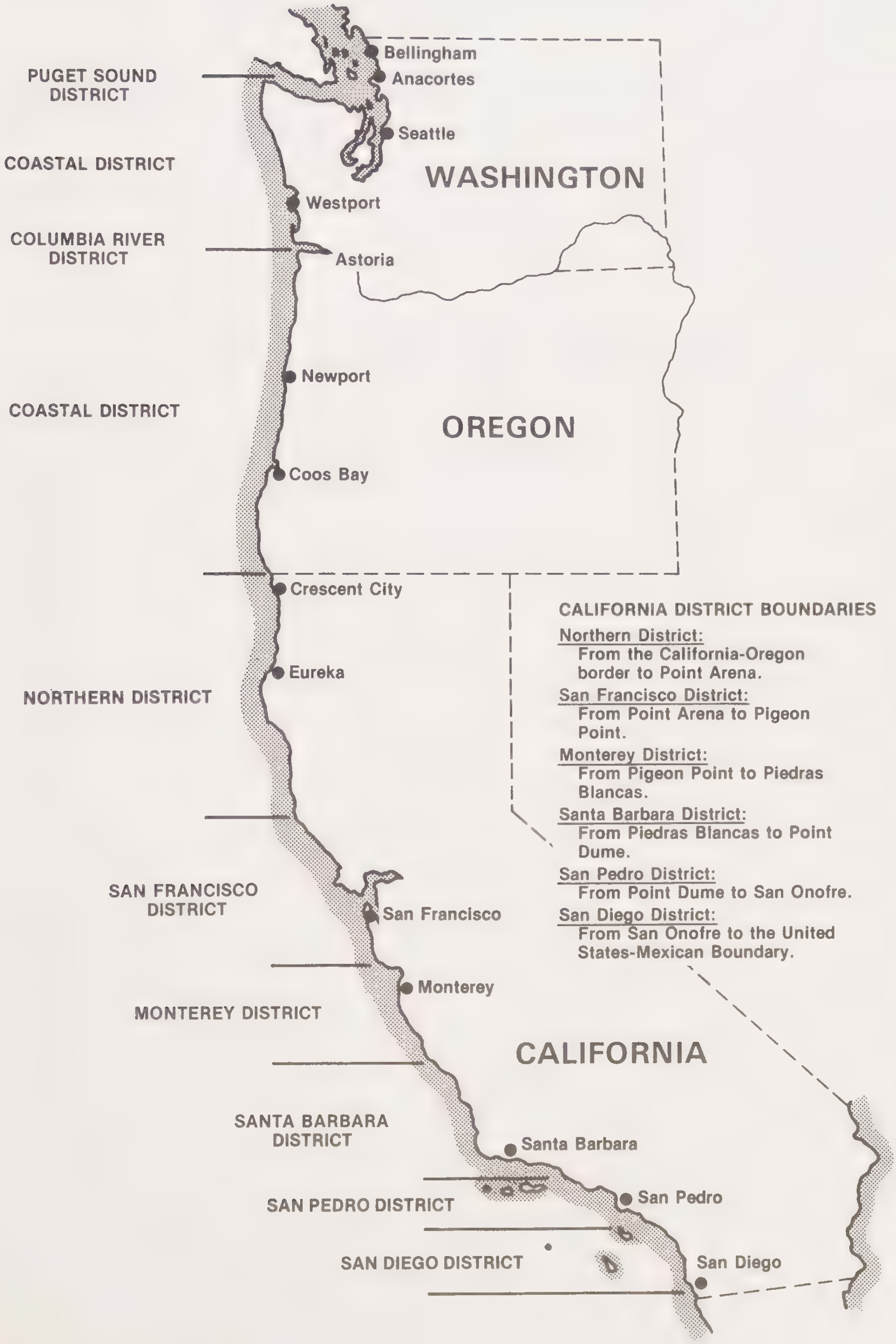
Kuskokwim Bay
WESTERN ALASKA
Bristol Bay
Cook Inlet
Kodiak
Prince William Sound
CENTRAL ALASKA
Yakutat
Juneau
Sitka
Ketchikan
SOUTHEASTERN ALASKA
Pacific Ocean

PACIFIC COAST FISHERIES

PACIFIC COAST STATES - Continued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COASTAL DISTRICT
COLUMBIA RIVER DISTRICT
COASTAL DISTRICT
NORTHERN DISTRICT
SAN FRANCISCO DISTRICT
MONTEREY DISTRICT
SANTA BARBARA DISTRICT
SAN PEDRO DISTRICT
SAN DIEGO DISTRICT
Bellingham
Anacortes
Seattle
WASHINGTON
Westport
Astoria
Newport
OREGON
Coos Bay
Crescent City
Eureka
San Francisco
Monterey
CALIFORNIA
Santa Barbara
San Pedro
San Diego

CALIFORNIA DISTRICT BOUNDARIES

Northern District:
From the California-Oregon border to Point Arena.

San Francisco District:
From Point Arena to Pigeon Point.

Monterey District:
From Pigeon Point to Piedras Blancas.

Santa Barbara District:
From Piedras Blancas to Point Dume.

San Pedro District:
From Point Dume to San Onofre.

San Diego District:
From San Onofre to the United States-Mexican Boundary.

PACIFIC COAST FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1976

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS	MILLION POUNDS	MILLION DOLLARS
ALASKA.	299	142	318	98	617	239
WASHINGTON.	115	57	28	15	143	72
OREGON.	61	29	34	10	95	40
CALIFORNIA.	862	169	55	18	917	187
TOTAL	1,337	396	435	141	1,771	538

TABLE MAY NOT ADD BECAUSE OF ROUNDING.

SUMMARY OF OPERATING UNITS, 1976

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN:					
ON VESSELS.	9,378	4,831	3,200	9,620	23,702
ON BOATS AND SHORE:					
FULL-TIME	8,815	3,826	2,796	8,962	24,399
PART-TIME	-	258	4	-	262
TOTAL	18,193	8,915	6,000	18,582	48,363
VESSELS, MOTOR.	2,520	2,166	1,438	2,502	7,193
GROSS TONNAGE	85,969	53,840	39,806	154,953	284,682
BOATS:					
MOTOR	5,153	3,358	1,820	3,231	13,421
OTHER	-	-	-	417	417
GEAR:					
HAUL SEINES, COMMON . . .	-	61	9	6	76
PURSE SEINES;					
ANCHOVY	-	-	-	12	10
HERRING	-	34	-	-	34
MACKEREL.	-	-	-	47	47
SALMON.	1,111	308	-	-	1,279
TUNA.	-	-	6	171	177
OTHER	-	1	-	225	225
LAMPARA NETS:					
MACKEREL.	-	-	-	17	17
SQUID	-	-	-	29	29
TUNA.	-	-	-	6	6
OTHER	-	-	-	45	45
BEAM TRAWLS, SHRIMP . . .	24	4	-	-	28
OTTER TRAWLS:					
FISH.	74	110	196	605	969
SHRIMP.	150	64	173	36	370
OTHER	-	1	-	-	1
POUND NETS, FISH.	-	12	-	-	12
FLOATING TRAPS.	4	-	-	-	4
POTS AND TRAPS:					
CRAB:					
DUNGENESS	19,525	57,241	47,923	53,425	168,720
KING.	58,450	-	-	-	58,450
OTHER	47,510	-	-	-	47,510
CRAWFISH.	-	150	200	5,000	5,350
FISH.	-	600	950	6,760	8,310
LOBSTER, SPINY.	-	-	-	10,400	10,400
OCTOPUS	-	130	-	-	130
SHRIMP.	3,950	200	-	222	4,372
GILL NETS:					
ANCHOR, SET, OR STAKE:					
SALMON.	3,582	190	49	-	3,821
OTHER	239	40	44	440	763

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1976 - Continued

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
GEAR - CONTINUED:					
GILL NETS - CONTINUED:					
DRIFT:					
BARRACUDA	-	-	-	100	100
SALMON	3,885	1,954	490	-	6,223
SEA BASS	-	-	-	104	104
SHAD	-	3	60	-	63
OTHER	-	3	5	864	872
TRAMMEL NETS	-	-	-	33	33
LINES:					
HAND:					
ROCKFISH	-	172	-	260	432
TUNA:					
ALBACORE	-	111	-	1,512	1,533
YELLOWFIN	-	-	-	639	639
OTHER	-	-	-	17,937	17,937
TROLL:					
SALMON	7,388	11,737	12,475	15,865	44,072
TUNA	-	3,380	4,680	11,328	16,814
OTHER	-	2,190	2,016	15,318	18,954
LONG OR SET WITH HOOKS	10,959	2,284	650	2,380	16,030
DIP NETS, COMMON	-	150	14	3	167
BRAIL OR SCOOP	-	-	-	153	153
REEF NET	-	34	-	-	34
WHEELS	161	-	-	-	161
HARPOONS:					
SWORDFISH	-	-	-	70	70
OTHER	-	-	-	4	4
WATER PUMP	-	-	38	-	38
DREDGES:					
CLAM	-	5	-	-	5
OYSTER, COMMON	-	46	4	1	51
SCALLOP, SEA	2	-	-	-	2
SHOVELS	7	165	427	-	599
DIVING OUTFITS:					
ABALONE	-	-	-	259	259
OTHER	-	-	-	121	121

NOTE:--HAUL SEINES IN ALASKA HAVE BEEN INCLUDED WITH PURSE SEINES.

PACIFIC COAST FISHERIES

LANDINGS BY STATES, 1976

SPECIES	ALASKA		WASHINGTON		OREGON	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ANCHOVIES	-	-	-	-	2	1
ARCTIC CHAR	10	2	-	-	-	-
CARP	-	-	66	(2)	-	-
COD	494	117	11,815	1,520	630	85
DOLLY VARDEN TROUT	(2)	(2)	-	-	-	-
DOLPHINFISH	-	-	-	-	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	-	-	-	-	4	1
SANDDABS	-	-	-	-	327	55
"SOLE"	-	-	10,266	1,647	12,471	2,083
UNCLASSIFIED	340	68	779	64	1,755	154
GROUNDFISH, UNCLASSIFIED	289	32	-	-	-	-
HAKE, PACIFIC	-	-	3,739	57	472	19
HALIBUT	16,838	20,487	1,231	1,253	76	71
HERRING, SEA	32,648	2,147	5,914	1,235	84	4
LAMPREY	-	-	-	-	1	(2)
LINGCOD	68	11	3,521	473	1,124	152
MACKEREL, PACIFIC	-	-	-	-	3	(2)
OCEAN PERCH, PACIFIC	-	-	3,025	357	2,333	276
POLLOCK	410	82	94	7	-	-
ROCKFISHES	284	49	13,760	1,521	5,714	721
SABLEFISH	1,759	668	1,410	246	1,087	120
SALMON:						
CHINOOK OR KING	8,916	8,447	11,890	14,652	4,724	6,511
CHUM OR KETA	47,675	18,583	9,130	8,145	10	8
PINK	102,419	34,872	7	4	5	7
RED OR SOCKEYE	75,689	45,991	7,970	7,871	(2)	(2)
SILVER OR COHO	11,159	10,064	12,186	12,732	10,522	12,385
TOTAL SALMON	245,858	117,957	41,183	43,404	15,261	18,911
SAND PERCH	-	-	280	68	-	-
SHAD	-	-	68	9	413	83
SHARKS:						
GRAYFISH	-	-	5,809	296	13	(2)
SOUPFIN	-	-	-	-	3	1
UNCLASSIFIED	-	-	(2)	(2)	-	-
SHEEFISH	(2)	(2)	-	-	-	-
SKATES	-	-	8	(2)	254	13
SMELT:						
EULACHON	1	(2)	3,040	197	20	2
SURF OR SILVER	-	-	85	16	(2)	(2)
STEELHEAD TROUT	13	4	652	909	34	28
STURGEON, COMMON	-	-	485	183	525	234
TOMCOD	-	-	3	(2)	-	-
TUNA:						
ALBACORE	-	-	7,322	3,333	5,934	2,899
SKIPJACK	-	-	-	-	4,449	1,237
YELLOWFIN	-	-	-	-	6,967	2,081
TOTAL TUNA	-	-	7,322	3,333	17,350	6,217
TURBOT	-	-	344	27	67	4
WHITEFISH	15	4	-	-	-	-
WOLFFISH	-	-	-	-	(2)	(2)
UNCLASSIFIED:						
FOR FOOD	-	-	(2)	(2)	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	54	4	631	46
TOTAL FISH	299,027	141,628	114,953	56,826	60,654	29,281
SHELLFISH ET AL.						
CRABS:						
DUNGENESS	1,546	631	9,034	4,796	8,137	5,055
KING	105,899	68,689	-	-	-	-
SNOW	80,771	16,166	-	-	-	-
TOTAL CRABS	188,216	85,486	9,034	4,796	8,137	5,055
CRAWFISH, FRESHWATER	-	-	5	2	12	11
SAND SHRIMP	-	-	-	-	28	17
SHRIMP, OCEAN	128,682	11,572	9,365	1,703	25,456	4,946
ABALONE	(2)	1	-	-	-	-
CLAMS:						
COCKLE	-	-	-	-	(2)	(2)
GEODUCK	-	-	1,771	938	-	-
HARD	-	-	473	397	(2)	(2)
RAZOR	1	1	102	190	47	93
SOFT, PUBLIC	-	-	18	15	(2)	(2)
MIXED	-	-	54	15	65	12
TOTAL CLAMS	1	1	2,418	1,555	112	105

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	ALASKA		WASHINGTON		OREGON	
SHELLFISH ET AL. - CONTD.	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
MUSSELS, SEA	-	-	-	-	(2)	(2)
OCTOPUS	-	-	17	3	14	4
OYSTERS, MARKET:						
PACIFIC	-	-	5,472	6,921	172	207
WESTERN	-	-	31	214	-	-
TOTAL OYSTERS	-	-	5,503	7,135	172	207
SCALLOPS, SEA	265	412	-	-	-	-
SQUID	-	-	1	(2)	-	-
SEA URCHINS	-	-	1,544	115	-	-
KELP (WITH HERRING EGGS)	781	377	-	-	-	-
SHELLFISH, UNCLASSIFIED	-	-	15	3	-	-
TOTAL SHELLFISH ET AL.	317,945	97,849	27,902	15,312	33,931	10,345
GRAND TOTAL	616,972	239,477	142,855	72,138	94,585	39,626

SPECIES	CALIFORNIA 1/		TOTAL	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ANCHOVIES	263,513	6,629	263,515	6,630
ARCTIC CHAR	-	-	10	2
BARRACUDA	162	67	162	67
BLACKFISH	61	19	61	19
BONITO	8,897	1,223	8,897	1,223
CABEZONE	19	2	19	2
CARP	52	5	118	5
COD	-	-	12,939	1,722
CROAKER, WHITE	518	99	518	99
DOLLY VARDEN TROUT	-	-	(2)	(2)
DOLPHINFISH	10	3	10	3
EELS:				
COMMON	1	(2)	1	(2)
MORAY	(2)	(2)	(2)	(2)
FLOUNDERS:				
ARROWTOOTH HALIBUT	185	13	189	14
CALIFORNIA HALIBUT	628	537	628	537
SANDDABS	1,294	266	1,621	321
"SOLE"	33,498	5,392	56,235	9,122
UNCLASSIFIED	7	2	2,881	288
FLYING FISH	98	31	98	31
GRENADIER	92	5	92	5
GROUNDFISH, UNCLASSIFIED	-	-	289	32
GROUPERS	10	5	10	5
HAKE, PACIFIC	28	1	4,239	77
HALFMOON	26	8	26	8
HALIBUT	-	-	18,145	21,811
HARDHEAD	370	37	370	37
HERRING, SEA	4,820	483	43,466	3,869
JACK MACKEREL	44,893	2,080	44,893	2,080
LAMPREY	-	-	1	(2)
LINGCOD	3,120	459	7,833	1,095
MACKEREL, PACIFIC	354	19	357	19
MINNOWS (HITCH)	37	11	37	11
MUDSUCKER, LONGJAW	7	10	7	10
MULLET	3	1	3	1
OCEAN PERCH, PACIFIC	-	-	5,358	633
OPALEYE	1	(2)	1	(2)
PERCH	232	69	232	69
POLLOCK	-	-	504	89
POMPANO	68	39	68	39
QUEENFISH	13	1	13	1
ROCKFISHES	24,518	3,965	44,276	6,256
SABLEFISH	13,331	1,259	17,587	2,293
SALMON:				
CHINOOK OR KING	4,559	7,180	30,089	36,790
CHUM OR KETA	-	-	56,815	26,736
PINK	-	-	102,431	34,883
RED OR SOCKEYE	-	-	83,659	53,862
SILVER OR COHO	3,214	3,509	37,081	38,690
UNCLASSIFIED	13	18	13	18
TOTAL SALMON	7,786	10,707	310,088	190,979
SAND PERCH	-	-	280	68
SARDINE, PACIFIC	16	1	16	1
SCULPIN	173	74	173	74
SEA BASS:				
BLACK	56	25	56	25
WHITE	1,059	671	1,059	671
SHAD	-	-	481	92
SHARKS:				
GRAYFISH	-	-	5,822	296
SOUPFIN	-	-	3	1
UNCLASSIFIED	871	205	871	205

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	CALIFORNIA 1/		TOTAL	
FISH - CONTINUED	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SHEEFISH	-	-	(2)	(2)
SHEEPHEAD	8	2	8	2
SKATES	161	13	423	26
SMELT:				
EULACHON	-	-	3,061	199
SURF OR SILVER	638	87	723	103
STEELHEAD TROUT	-	-	699	941
STURGEON, COMMON	-	-	1,010	417
SUCKERS	10	3	10	3
SWORDFISH	84	230	84	230
TOMCOD	-	-	3	(2)
TUNA:				
ALBACORE	27,763	12,723	41,019	18,955
BIGEYE	1,860	542	1,860	542
BLUEFIN	18,789	5,616	18,789	5,616
SKIPJACK	124,459	33,226	128,908	34,463
YELLOWFIN	276,065	81,610	283,032	83,691
UNCLASSIFIED	835	83	835	83
TOTAL TUNA	449,771	133,800	474,443	143,350
TURBOT	30	5	441	36
WAHOO	13	4	13	4
WHITEFISH	1	(2)	16	4
WOLFFISH	-	-	(2)	(2)
YELLOWTAIL	476	106	476	106
UNCLASSIFIED:				
FOR FOOD	3	(2)	3	(2)
FOR BAIT, REDUCTION, AND ANIMAL FOOD	1	3	686	53
TOTAL FISH	862,023	168,676	1,336,657	396,411
SHELLFISH ET AL.				
CRABS:				
DUNGENESS	15,727	10,275	34,444	20,757
KING	-	-	105,899	68,689
ROCK	1,228	342	1,228	342
SNOW	-	-	80,771	16,166
UNCLASSIFIED	41	21	41	21
TOTAL CRABS	16,996	10,638	222,383	105,975
CRAWFISH, FRESHWATER	607	315	624	328
LOBSTERS, SPINY	293	663	293	663
SAND SHRIMP	6	24	34	41
SHRIMP:				
BAY	100	185	100	185
BRINE	645	865	645	865
OCEAN	3,501	683	167,004	18,904
UNCLASSIFIED	116	188	116	188
TOTAL SHRIMP	4,362	1,921	167,865	20,142
ABALONE	347	1,454	347	1,455
CLAMS:				
COCKLE	-	-	(2)	(2)
GEODUCK	-	-	1,771	938
HARD	101	46	574	443
RAZOR	-	-	150	284
SOFT, PUBLIC	-	-	18	15
MIXED	10	17	129	44
TOTAL CLAMS	111	63	2,642	1,724
MUSSELS, SEA	24	10	24	10
OCTOPUS	82	22	113	29
OYSTERS, MARKET:				
EASTERN	6	25	6	25
PACIFIC	710	995	6,354	8,123
WESTERN	-	-	31	214
TOTAL OYSTERS	716	1,020	6,391	8,362
SCALLOPS, SEA	-	-	265	412
SQUID	20,338	751	20,339	751
MOLLUSKS, UNCLASSIFIED	7	3	7	3
SEA URCHINS	11,106	1,039	12,650	1,154
FROGS	3	3	3	3
KELP (WITH HERRING EGGS)	-	-	781	377
SHELLFISH, UNCLASSIFIED	-	-	15	3
TOTAL SHELLFISH ET AL.	54,998	17,926	434,776	141,432
GRAND TOTAL	917,021	186,602	1,771,433	537,843

1/ INCLUDES THE CATCH TAKEN OFF LATIN AMERICA AND LANDED AT CALIFORNIA PORTS. 2/ LESS THAN 500 POUNDS OR $500.
NOTE:--CATCH STATISTICS FOR ALASKA, WASHINGTON, AND OREGON ARE SHOWN IN ROUND WEIGHT, WHILE THOSE FOR CALIFORNIA ARE SHOWN IN WEIGHTS AS LANDED, EXCEPT FOR SHELL MOLLUSKS. IN ALL STATES, ABALONE, CLAMS, OYSTERS, SCALLOPS, AND MUSSELS ARE REPORTED IN WEIGHT OF TOTAL MEATS. ALASKA DATA INCLUDE THE CATCH OF HALIBUT, ROCKFISHES, AND SABLEFISH LANDED BY U.S. VESSELS AT BRITISH COLUMBIA PORTS.

PACIFIC COAST FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1976

Item	Unit	Quanity	Dollars
		Thousands	
Fresh	Pounds	52,347	64,010
Frozen	do	178,701	275,648
Canned	Standard cases	25,201	750,658
Cured	Pounds	9,132	23,722
Industrial			30,927
Total			1,144,965

VALUE OF PROCESSED PRODUCTS, BY STATES, 1976

State	Thousand dollars
Alaska	384,698
Washington	77,644
Oregon	66,470
California	616,153
Total	1,144,965

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1976

	Processing			Wholesale			Total		
		Employment average			Employment average			Employment average	
State	Plants	Season	Year	Plants	Season	Year	Plants	Season	Year
	Number								
Alaska (1)	182	11,246	6,200	-	-	-	182	11,246	6,200
Washington	88	2,709	1,777	42	1,163	835	130	3,872	2,612
Oregon	51	2,525	1,709	21	122	77	72	2,647	1,786
California	77	9,508	8,037	83	970	799	160	10,478	8,836
Total	398	25,988	17,723	146	2,255	1,711	544	28,243	19,434

(1) Data estimated for average for year.

Note:--Employment is reported by each plant for each month for the payroll period that includes the 12th of the month. Employment for the season is based on the greatest number of employees working during the payroll period that included the 12th of each month. Employment for the year is obtained by adding the number of employees recorded as working during the payroll period that included the 12th of each month, and dividing by 12.

PACIFIC COAST FISHERIES

PROCESSED FISHERY PRODUCTS, 1976

Item	Unit	Alaska		Washington	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Cod, fresh and frozen fillets	Pounds	-	-	3,307	2,633
Flounders, fresh and frozen fillets	do	-	-	3,198	3,688
Halibut, fresh and frozen:					
Fillets	do	-	-	(1)	(1)
Steaks	do	-	-	1,976	4,716
Cheeks and fletches	do	1,889	2,567	(1)	(1)
Herring, sea:					
Fresh and frozen:					
For bait	do	4,782	529	(2)	(2)
Roe	do	2,104	1,935	-	-
Eggs on kelp	do	181	351	-	-
Salted:					
Fish	do	19	2	-	-
Roe	do	579	1,782	-	-
Eggs on kelp	do	203	330	-	-
Lingcod, fresh and frozen fillets	do	-	-	659	533
Ocean perch, Pacific, fresh and frozen fillets	do	-	-	1,096	961
Rockfish, fresh and frozen fillets	do	-	-	3,148	2,342
Sablefish, smoked	do	-	-	22	36
Salmon:					
Fresh and frozen:					
Fillets	do	-	-	486	752
Steaks	do	-	-	1,172	2,484
Eggs for food	do	4,603	14,915	-	-
Canned:					
Chinook or king	Standard cases	36	2,872	8	729
Chum or keta	do	367	19,980	9	521
Pink	do	1,137	74,118	8	516
Red or sockeye	do	896	78,783	89	10,190
Silver or coho	do	33	2,531	22	1,990
Total	do	2,469	178,284	136	13,946
Roe	do	8	451	-	-
Eggs for bait	do	-	-	12	2,116
Smoked	do	(3)	88	2	362
Cured:					
Salted and pickled	Pounds	253	316	(2)	(2)
Mild cured	do	72	60	272	820
Caviar	do	1,002	3,436	1,065	3,827
Eggs for bait	do	-	-	78	230
Smoked	do	7	25	666	1,188
Shark, fresh and frozen fillets	do	-	-	(1)	(1)
Sturgeon, canned, smoked	Standard cases	-	-	1	141
Tuna, canned:					
Albacore and lightmeat	do	-	-	50	1,594
Smoked	do	-	-	(3)	12
Turbot, fresh and frozen, fillets, and steaks	do	-	-	141	151
Crabs:					
Dungeness:					
Fresh and frozen, cooked:					
Whole	Pounds	692	512	1,916	1,502
Meat	do	-	-	698	2,401
Sections	do	398	1,115	52	247
Canned	Standard cases	-	-	3	243
King:					
Fresh and frozen, cooked:					
Whole	Pounds	31,868	63,196	-	-
Meat	do	6,772	36,040	-	-
Sections	do	273	614	-	-
Canned	Standard cases	50	4,418	-	-

See footnotes at end of table.

(Continued on next page)

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Alaska		Washington	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Crab - Continued:					
Snow:					
Fresh and frozen cooked:					
Whole	Pounds	26,617	20,081	-	-
Meat	do	3,071	9,322	-	-
Sections	do	591	1,537	-	-
Shrimp:					
Fresh and frozen:					
Raw:					
Heads on	Pounds	4,080	5,951	-	-
Peeled, including deveined, cooked	do	10,927	15,096	(2)	(2)
Canned natural	Standard cases	955	13,944	(4)	(4)
Clams, razor, fresh and frozen for bait	Pounds	1	1	(4)	(4)
Oyster:					
Pacific, fresh and frozen:					
Shucked	Gallons	-	-	439	4,355
Breaded raw	Pounds	-	-	13	16
Western, fresh shucked	Gallons	-	-	2	154
Scallops, sea, fresh and frozen shucked	Pounds	568	1,254	-	-
Unclassified:					
Fresh and frozen:					
Portions, raw breaded	do	-	-	669	813
Fish and shellfish	do	-	-	(5) 4,490	(5) 5,671
Canned:					
Animal food	Standard cases	-	-	538	9,320
Other, fish and shellfish	do	-	-	(6) 186	(6) 3,769
Cured	Pounds	-	-	(7) 366	(7) 465
Industrial	-	-	(8) 741	-	(9) 3,170
Total	-	-	384,698	-	77,644

Item	Unit	Oregon		California	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Anchovies:					
Frozen for bait	Pounds	-	-	813	211
Meal and scrap	Tons	-	-	22	6,080
Oil	Pounds	-	-	5,334	643
Cod, fresh and frozen fillets:					
Raw	do	197	156	(4)	(4)
Breaded raw	do	-	-	297	304
Flounders, fresh and frozen fillets	do	4,040	4,622	6,962	6,769
Halibut, fresh and frozen:					
Fillets and cheeks	do	-	-	115	206
Steaks	do	(1)	(1)	537	1,366
Herring, sea, fresh and frozen for bait	do	-	-	1,763	387
Lingcod, fresh and frozen fillets	do	306	254	619	456
Mackerel, jack:					
Canned natural	Standard cases	-	-	148	2,085
Ocean perch, Pacific, fresh and frozen fillets	Pounds	571	471	(4)	(4)
Rockfish, fresh and frozen fillets	do	1,241	948	3,306	2,064
Sablefish:					
Fresh and frozen fillets	do	100	60	499	288
Smoked	do	(2)	(2)	692	850

See footnotes at end of page.

(Continued on next page)

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Oregon		California	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Salmon:					
Fresh and frozen:					
Fillets	Pounds	(1)	(1)	508	843
Steaks	do	(1)	(1)	1,963	4,202
Canned:					
Chinook or king	Standard cases	3	293	(4)	(4)
Silver or coho	do	3	335	-	-
Total	do	6	628	(4)	(4)
Smoked	do	(3)	69	-	-
Smoked	Pounds	45	229	2,929	8,229
Sea bass, fresh and frozen fillets	do	-	-	56	67
Shark, fresh and frozen fillets	do	-	-	1,662	629
Sturgeon, Canned, smoked	Standard cases	(3)	16	-	-
Tuna:					
Canned:					
Albacore	do	923	31,223	1,459	49,913
Lightmeat	do	(10)	(10)	12,812	335,675
Total	do	923	31,223	14,271	385,588
Animal food	Standard cases	(2)	(2)	3,830	71,317
Smoked	Pounds	(2)	(2)	59	63
Meal and scrap	Tons	(2)	(2)	20	4,614
Oil	Pounds	(2)	(2)	5,781	477
Tunalike fish:					
Canned	Standard cases	-	-	163	2,941
Smoked	Pounds	-	-	11	11
Turbot, fresh and frozen fillets and steaks	do	(11)	(11)	(11)	(11)
Crabs:					
Dungeness:					
Fresh and frozen, cooked:					
Whole	do	2,306	1,942	4,903	3,610
Meat	do	1,082	4,047	461	1,506
Lobsters, spiny, frozen cooked whole	Pounds	-	-	29	85
Shrimp:					
Fresh and frozen:					
Peeled, including deveined:					
Raw	do	-	-	4,745	7,334
Cooked	do	4,133	8,472	2,119	4,907
Breaded raw	do	-	-	9,981	28,573
Canned natural	Standard cases	215	3,208	-	-
Abalone, fresh and frozen shucked	Pounds	-	-	98	293
Oysters:					
Eastern, fresh and frozen, breaded raw, and cooked	do	-	-	800	1,279
Pacific, shucked, fresh and frozen	Gallons	94	1,014	(2)	(2)
Scallops, sea, fresh and frozen, breaded raw, and cooked	Pounds	-	-	1,669	3,697

See footnotes at end of table.

(Continued on next page)

PROCESSED FISHERY PRODUCTS, 1976 - Continued

Item	Unit	Oregon		California	
		Quantity	Dollars	Quantity	Dollars
		Thousands			
Squid, natural:					
Fresh and frozen	Pounds	-	-	6,767	1,393
Canned	Standard cases	-	-	148	1,518
Unclassified:					
Fresh and frozen:					
Sticks, breaded raw	Pounds	-	-	702	620
Portions, breaded raw	do	-	-	27,102	25,648
Breaded, raw and cooked, cakes, and patties	do	-	-	700	777
Fish and shellfish	do	(12) 306	794	(13) 9,924	(13) 10,930
Canned:					
Animal food	Standard cases	351	5,351	575	12,013
Other	do	(14) 1	(14) 90	(15) 4	(15) 119
Cured	Pounds	(16) 54	(16) 134	(17) 740	(17) 1,689
Industrial	-	-	(18) 2,618	-	(19) 12,583
Total	-	-	66,470	-	616,153

(1) Included with California. (2) Included with unclassified. (3) Less than 500 lb, 500 tons, 500 standard cases, or $500. (4) Included with Oregon. (5) Includes breaded raw cutlets of cod, lingcod, rockfishes, salmon, and unclassified fish; sea herring and unclassified fish for bait; shrimp, cooked and peeled; shrimp breaded raw; hard and geoduck clams shucked; fish sticks, breaded raw and cooked; fish portions, breaded and cooked; unclassified fish cakes breaded raw; unclassified fillets, breaded raw and form pressed. (6) Includes smoked salmon paste; smoked shad, and shad roe; smoked dungeness crab legs; hard clams, whole, minced, and in the shell; geoduck clams, minced; razor clams, whole, minced, and smoked; Pacific oyster, natural, stews, stew bases, and smoked. (7) Includes smoked cod, halibut, sturgeon, and tuna; salted, sablefish and salmon; and dried cod (lutefisk). (8) Includes the values of herring meal and oil, dungeness crab, shrimp, unclassified fish, and mixed fish meal; and unclassified oil. (9) Includes the values of dungeness crab and unclassified fish meal; salmon and unclassified fish ground for animal feed; fish pellets, fish solubles, crab chitosan and chitisin . (10) The pack of lightmeat tuna has been included with albacore. (11) Included with Washington. (12) Includes fillets of sturgeon; shad roe; dungeness crab legs; hard and razor clams shucked. (13) Includes cooked cod paste; breaded raw and cooked fillets of flounder, haddock, halibut, and unclassified fish; jack mackerel heads and unclassified fish for bait; rockfish cakes, breaded raw; dungeness crab, shrimp, and unclassified cooked cocktails refrigerated; spiny lobster tails, raw; shrimp raw headless, and shrimp patties breaded raw; abalone steaks raw, and breaded raw; octopus dressed; Eastern and Pacific oysters, shucked; sea urchin roe; fish sticks breaded and cooked; fish portions, breaded and cooked, and unbreaded; unclassified fish, in fish appetizer, in sauces, fish and chips, and with zucchini. (14) Includes salmon in sauce; smoked tuna and shad; shrimp pickled; geoduck clams minced; razor clams whole, minced, stew bases, and smoked. (15) Includes the natural pack of anchovies and abalone; tuna smoked, and in spreads. (16). Includes smoked sablefish, smelt, sturgeon, and tuna: and salted salmon. (17) Includes smoked barracuda, cod, halibut, lingcod, marlin, Pacific perch, rockfishes, sea bass, shad, shark sturgeon, wahoo, whitefish, whiting, octopus, and unclassified fish; and salmon mild cured. (18) Includes the values of tuna, meal, oil, and solubles; oyster shell, grit and lime; fish pellets, and unclassified fish ground for animal feed. (19) Includes the values of herring meal and oil; jack mackerel meal; tuna solubles; shrimp meal; unclassified fish meal, fish oil, fish solubles, and unclassified fish ground for animal feed; kelp and seaweed products.

Note:--Data for Alaska are estimated. This table will not add. Individual State totals are correct. Some of the products may have been processed from raw products imported from another State or a foreign country; therefore, they cannot be correlated directly with landings within the State. Certain items are shown in an intermediate and also a more advanced stage of processing.

PACIFIC COAST FISHERIES

ALASKA

LANDINGS BY DISTRICTS, 1976

SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ARCTIC CHAR	-	-	-	-	10,100	2,537
COD	132,000	26,400	1/ 362,000	1/ 90,521	-	-
DOLLY VARDEN TROUT	100	28	-	-	-	-
FLOUNDERS, UNCLASSIFIED	285,700	57,137	54,100	11,359	-	-
GROUNDFISH, UNCLASSIFIED 2/	-	-	288,700	31,754	-	-
HALIBUT	7,221,000	9,175,350	8,973,000	10,559,340	644,000	752,060
HERRING, SEA	17,774,700	614,231	14,873,600	1,532,726	-	-
LINGCOD	68,300	10,934	-	-	-	-
POLLOCK	409,600	81,914	-	-	-	-
ROCKFISHES	279,100	48,167	4,800	945	-	-
SABLEFISH	1,759,100	667,811	-	-	-	-
SALMON: 3/						
CHINOOK OR KING	3,099,000	4,633,785	1,308,500	1,506,764	4,508,100	2,306,020
CHUM OR KETA	11,009,800	6,554,485	18,438,600	6,610,790	18,226,900	5,417,553
PINK	23,350,800	8,193,132	75,085,400	25,475,616	3,982,800	1,202,812
RED OR SOCKEYE	3,930,700	3,126,960	33,751,100	23,776,977	38,007,600	19,087,633
SILVER OR COHO	6,354,900	7,292,635	3,506,200	2,216,083	1,297,800	555,814
TOTAL SALMON	47,745,200	29,800,997	132,089,800	59,586,230	66,023,200	28,569,832
SHEEFISH	-	-	-	-	100	24
SMELT, EULACHON	900	219	-	-	-	-
STEELHEAD TROUT	12,800	4,046	-	-	-	-
WHITEFISH	-	-	-	-	14,700	3,671
TOTAL FISH	75,688,500	40,487,234	156,646,000	71,812,875	66,692,100	29,328,124
SHELLFISH ET AL.						
CRABS:						
DUNGENESS	1,054,400	453,394	491,200	177,085	-	-
KING	392,100	283,509	23,244,600	16,580,089	82,262,500	51,825,374
SNOW	4,052,800	860,615	53,780,200	10,947,390	22,938,000	4,358,210
SHRIMP	970,500	388,944	124,041,300	10,889,356	3,670,600	293,648
ABALONE (MEATS)	100	601	-	-	-	-
CLAMS, RAZOR (MEATS)	-	-	800	909	-	-
SCALLOPS, SEA (MEATS)	189,500	293,791	75,200	118,887	-	-
KELP (WITH HERRING EGGS)	-	-	485,000	247,371	295,800	130,143
TOTAL SHELLFISH ET AL.	6,659,400	2,280,854	202,118,300	38,961,087	109,166,900	56,607,375
GRAND TOTAL	82,347,900	42,768,088	358,764,300	110,773,962	175,859,000	85,935,499

1/ INCLUDES LINGCOD AND TRUE COD.

2/ INCLUDES DOVER "SOLE", BULLHEADS, AND MISCELLANEOUS UNIDENTIFIED SPECIES.

3/ THE ROUND WEIGHTS USED IN THE LANDINGS TABLES WERE OBTAINED BY MULTIPLYING NUMBER OF FISH BY THEIR AVERAGE WEIGHT.

NOTE:--THE ABOVE DATA INCLUDE LANDINGS OF HALIBUT, LINGCOD, SABLEFISH, AND ROCKFISHES BY VESSELS OF U.S. REGISTRY AT BRITISH COLUMBIA PORTS. ROUND WEIGHTS OF FISH TAKEN BY HALIBUT VESSELS WERE OBTAINED BY MULTIPLYING REPORTED WEIGHTS, REPRESENTING POUNDAGE OF FISH EVISCERATED AND WITH HEADS-OFF, BY THE FOLLOWING FACTORS: HALIBUT, 1.33; ROCKFISHES AND SABLEFISH, 1.43.

SOUTHEASTERN REGION OF ALASKA
OPERATING UNITS BY GEAR, 1976

ITEM	PURSE SEINES, SALMON 1/	BEAM TRAWLS, SHRIMP	OTTER TRAWLS		FLOATING TRAPS	POTS
						CRAB
			FISH	SHRIMP		DUNGENESS
	NUMBER					
FISHERMEN:						
ON VESSELS	1,686	42	12	8	4	114
ON BOATS AND SHORE, FULL-TIME	26	-	-	-	-	6
TOTAL	1,712	42	12	8	4	120
VESSELS, MOTOR	281	14	3	2	4	38
GROSS TONNAGE	11,409	343	334	95	167	1,771
BOATS, MOTOR	303	-	-	-	-	3
GEAR	292	14	3	2	4	9,750

ITEM	POTS - CONTINUED			GILL NETS	
	CRAB - CONTINUED		SHRIMP	ANCHOR, SET, OR STAKE	DRIFT, SALMON
	KING	SNOW			
	NUMBER				
FISHERMEN:					
ON VESSELS	78	87	-	66	472
ON BOATS AND SHORE, FULL-TIME	2	2	8	206	190
TOTAL	80	89	8	272	662
VESSELS, MOTOR	26	29	-	33	236
GROSS TONNAGE	1,215	1,948	-	732	3,186
BOATS, MOTOR	1	1	4	206	190
GEAR	4,450	5,340	300	239	426

ITEM	LINES		DREDGES, SCALLOP, SEA	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL, SALMON	LONG OR SET WITH HOOKS			
	NUMBER				
FISHERMEN:					
ON VESSELS	1,252	750	10	-	3,767
ON BOATS AND SHORE, FULL-TIME	2,440	284	-	2	2,938
TOTAL	3,692	1,034	10	2	6,705
VESSELS, MOTOR	626	190	2	-	1,159
GROSS TONNAGE	11,481	4,784	302	-	29,045
BOATS, MOTOR	1,216	115	-	2	1,878
GEAR	7,384	9,377	2	-	-

1/ INCLUDES HAUL (BEACH) SEINES.

SOUTHEASTERN REGION OF ALASKA LANDINGS OF CATCH BY GEAR, 1976

SPECIES	PURSE SEINES 1/		BEAM TRAWLS, SHRIMP		OTTER TRAWLS	
					FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD 2/	-	-	-	-	14,400	2,888
FLOUNDERS, UNCLASSIFIED	-	-	1,000	192	284,700	56,945
HERRING, SEA	15,641,700	503,669	-	-	-	-
POLLOCK	277,600	55,514	-	-	132,000	26,400
ROCKFISHES	500	96	-	-	-	-
SALMON:						
CHINOOK OR KING	23,100	11,584	-	-	-	-
CHUM OR KETA	5,310,700	2,752,884	-	-	-	-
PINK	20,852,200	7,046,094	-	-	-	-
RED OR SOCKEYE	846,800	534,710	-	-	-	-
SILVER OR COHO	658,800	437,558	-	-	-	-
TOTAL SALMON	27,691,600	10,782,830	-	-	-	-
SMELT, EULACHON	700	180	-	-	-	-
STEELHEAD TROUT	1,800	979	-	-	-	-
SHRIMP	-	-	776,400	309,599	-	-
TOTAL	43,613,900	11,343,268	777,400	309,791	431,100	86,233

SPECIES	OTTER TRAWLS - CONTINUED		FLOATING TRAPS		POTS	
	SHRIMP				CRAB	
					DUNGENESS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HERRING, SEA	-	-	355,500	12,285	-	-
CRABS, DUNGENESS	-	-	-	-	1,054,400	453,394
SHRIMP	184,400	74,289	-	-	-	-
TOTAL	184,400	74,289	355,500	12,285	1,054,400	453,394

SPECIES	POTS - CONTINUED					
	CRAB - CONTINUED				SHRIMP	
	KING		SNOW			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD 2/	-	-	5,500	1,110	-	-
SABLEFISH	-	-	304,500	144,915	-	-
CRABS:						
KING	392,100	283,509	-	-	-	-
SNOW	-	-	4,052,800	860,615	-	-
SHRIMP	-	-	-	-	9,700	5,056
TOTAL	392,100	283,509	4,362,800	1,006,640	9,700	5,056

SPECIES	GILL NETS				LINES	
	ANCHOR, SET, OR STAKE		DRIFT, SALMON		TROLL, SALMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD 2/	-	-	-	-	13,100	2,611
DOLLY VARDEN TROUT	-	-	-	-	100	28
HERRING, SEA	1,777,500	98,277	-	-	-	-
LINGCOD	-	-	-	-	9,500	1,522
ROCKFISHES	-	-	-	-	4,700	819
SABLEFISH	-	-	-	-	1,100	668
SALMON:						
CHINOOK OR KING	40,600	34,290	81,300	80,165	2,954,000	4,507,746
CHUM OR KETA	74,600	52,436	5,586,600	3,722,947	37,900	26,218
PINK	116,700	81,931	1,657,900	655,450	724,000	409,657
RED OR SOCKEYE	874,600	756,724	2,201,700	1,829,272	7,600	6,254
SILVER OR COHO	514,000	437,558	1,486,800	1,385,601	3,695,300	5,031,918
TOTAL SALMON	1,620,500	1,362,939	11,014,300	7,673,435	7,418,800	9,981,793
SMELT, EULACHON	200	39	-	-	-	-
STEELHEAD TROUT	-	-	10,900	3,014	100	53
TOTAL	3,398,200	1,461,255	11,025,200	7,676,449	7,447,400	9,987,494

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTHEASTERN REGION OF ALASKA
LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	LINES - CONTINUED LONG OR SET WITH HOOKS		DREDGES, SCALLOP, SEA		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD 2/	99,000	19,791	-	-	-	-
HALIBUT	7,221,000	9,175,350	-	-	-	-
LINGCOD	58,800	9,412	-	-	-	-
ROCKFISHES	273,900	47,252	-	-	-	-
SABLEFISH	1,453,500	522,228	-	-	-	-
ABALONE	-	-	-	-	100	601
SCALLOPS, SEA	-	-	189,500	293,791	-	-
TOTAL	9,106,200	9,774,033	189,500	293,791	100	601

1/ INCLUDES HAUL (BEACH) SEINES. 2/ INCLUDES LINGCOD AND TRUE COD.

CENTRAL REGION OF ALASKA
OPERATING UNITS BY GEAR, 1976

ITEM	PURSE SEINES, SALMON 1/	BEAM TRAWLS, SHRIMP	OTTER TRAWLS		POTS	
			FISH	SHRIMP	CRAB DUNGENESS	CRAB KING
	NUMBER					
FISHERMEN:						
ON VESSELS	3,786	30	176	258	189	783
ON BOATS AND SHORE, FULL-TIME	444	-	-	12	20	56
TOTAL	4,230	30	176	270	209	839
VESSELS, MOTOR	631	10	44	86	63	261
GROSS TONNAGE	12,304	270	5,052	10,061	6,281	18,207
BOATS, MOTOR	1,007	-	-	4	10	28
GEAR	819	10	73	144	10,375	33,505

ITEM	POTS - CONTINUED		GILL NETS		LINES
	CRAB - CONTD. SNOW	SHRIMP	ANCHOR, SET, OR STAKE, SALMON	DRIFT, SALMON	TROLL, SALMON
	NUMBER				
FISHERMEN:					
ON VESSELS	723	24	16	698	2
ON BOATS AND SHORE, FULL-TIME	22	40	782	720	-
TOTAL	745	64	798	1,418	2
VESSELS, MOTOR	241	12	8	349	1
GROSS TONNAGE	19,700	178	225	4,724	21
BOATS, MOTOR	11	20	175	717	-
GEAR	33,295	3,650	790	1,069	4

ITEM	LINES - CONTD. LONG OR SET WITH HOOKS	DREDGES, SCALLOP, SEA	SHOVELS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN:					
ON VESSELS	116	5	1	-	5,104
ON BOATS AND SHORE, FULL-TIME	40	-	6	80	2,051
TOTAL	156	5	7	80	7,155
VESSELS, MOTOR	35	1	1	-	1,124
GROSS TONNAGE	1,111	163	11	-	43,884
BOATS, MOTOR	18	-	6	40	1,901
GEAR	1,262	1	7	-	-

1/ INCLUDES HAUL (BEACH) SEINES.

PACIFIC COAST FISHERIES

CENTRAL REGION OF ALASKA
LANDINGS OF CATCH BY GEAR, 1976

SPECIES	PURSE SEINES, SALMON 1/		BEAM TRAWLS, SHRIMP		OTTER TRAWLS	
					FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD 2/.	-	-	-	-	197,900	49,479
FLOUNDERS, UNCLASSIFIED . .	-	-	-	-	54,100	11,359
GROUNDFISH, UNCLASSIFIED. .	-	-	-	-	232,900	25,617
HERRING, SEA.	14,849,000	1,530,017	-	-	-	-
ROCKFISHES.	-	-	-	-	4,000	803
SALMON:						
CHINOOK OR KING	52,300	30,135	-	-	-	-
CHUM OR KETA.	11,985,100	3,768,150	-	-	-	-
PINK.	62,320,900	21,144,761	-	-	-	-
RED OR SOCKEYE.	13,162,900	7,370,863	-	-	-	-
SILVER OR COHO.	525,900	243,769	-	-	-	-
TOTAL	88,047,100	32,557,678	-	-	-	-
SHRIMP.	-	-	2,480,800	217,787	-	-
TOTAL	102,896,100	34,087,695	2,480,800	217,787	488,900	87,258

SPECIES	OTTER TRAWLS - CONTINUED		POTS			
			CRAB			
	SHRIMP		DUNGENESS		KING	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS:						
DUNGENESS	-	-	491,200	177,085	-	-
KING.	-	-	-	-	23,244,600	16,580,089
SHRIMP.	120,320,100	10,562,675	-	-	-	-
TOTAL	120,320,100	10,562,675	491,200	177,085	23,244,600	16,580,089

SPECIES	POTS - CONTINUED				GILL NETS	
	CRAB - CONTINUED		SHRIMP		ANCHOR, SET, OR STAKE SALMON	
	SNOW					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HERRING, SEA.	-	-	-	-	24,600	2,709
SALMON:						
CHINOOK OR KING	-	-	-	-	301,000	346,556
CHUM OR KETA.	-	-	-	-	921,900	330,540
PINK.	-	-	-	-	9,010,200	3,057,074
RED OR SOCKEYE.	-	-	-	-	5,400,200	4,279,856
SILVER OR COHO.	-	-	-	-	876,500	598,342
TOTAL SALMON.	-	-	-	-	16,509,800	8,612,368
CRABS, SNOW	53,780,200	10,947,390	-	-	-	-
SHRIMP.	-	-	1,240,400	108,894	-	-
TOTAL	53,780,200	10,947,390	1,240,400	108,894	16,534,400	8,615,077

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT, SALMON		TROLL, SALMON		LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD 2/.	-	-	-	-	164,100	41,042
GROUNDFISH, UNCLASSIFIED 3/	-	-	-	-	55,800	6,137
HALIBUT	-	-	-	-	8,973,000	10,559,340
ROCKFISHES.	-	-	-	-	800	142
SALMON:						
CHINOOK OR KING	942,200	1,115,005	13,000	15,068	-	-
CHUM OR KETA.	5,531,600	2,512,100	-	-	-	-
PINK.	3,754,300	1,273,781	-	-	-	-
RED OR SOCKEYE.	15,188,000	12,126,258	-	-	-	-
SILVER OR COHO.	2,068,700	1,351,811	35,100	22,161	-	-
TOTAL SALMON.	27,484,800	18,378,955	48,100	37,229	-	-
TOTAL	27,484,800	18,378,955	48,100	37,229	9,193,700	10,606,661

SPECIES	DREDGES, SCALLOP, SEA		SHOVELS		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, RAZOR.	-	-	800	909	-	-
SCALLOPS, SEA	75,200	118,887	-	-	-	-
KELP (WITH HERRING EGGS). .	-	-	-	-	485,000	247,371
TOTAL	75,200	118,887	800	909	485,000	247,371

1/ INCLUDES HAUL (BEACH) SEINES. 2/ INCLUDES LINGCOD AND TRUE COD. 3/ INCLUDES DOVER "SOLE", BULLHEADS, AND MISCELLANEOUS UNIDENTIFIED SPECIES.

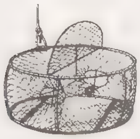
PACIFIC COAST FISHERIES

WESTERN REGION OF ALASKA
OPERATING UNITS BY GEAR, 1976

ITEM	PURSE SEINES, SALMON 1/	OTTER TRAWLS, SHRIMP	POTS		GILL NETS
			KING	SNOW	ANCHOR, SET, OR STAKE, SALMON
	NUMBER				
FISHERMEN:					
ON VESSELS.	-	21	414	195	-
ON BOATS AND SHORE, FULL-TIME	36	3	10	2	2,792
TOTAL	36	24	424	197	2,792
VESSELS, MOTOR.	-	7	138	65	-
GROSS TONNAGE	-	970	25,506	12,833	-
BOATS, MOTOR.	6	1	5	1	323
GEAR.	6	16	25,870	13,075	2,792

ITEM	GILL NETS - CONTD.	LINES, LONG OR SET WITH HOOKS	FISH WHEELS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	DRIFT, SALMON				
	NUMBER				
FISHERMEN:					
ON VESSELS.	434	30	-	-	864
ON BOATS AND SHORE, FULL-TIME	2,178	-	161	60	3,878
TOTAL	2,612	30	161	60	4,742
VESSELS, MOTOR.	217	10	-	-	360
GROSS TONNAGE	2,703	2,036	-	-	28,784
BOATS, MOTOR.	1,051	-	-	30	1,413
GEAR.	2,395	400	161	-	-

1/ INCLUDES HAUL (BEACH) SEINES.



DUNGENESS CRAB POT

WESTERN REGION OF ALASKA
LANDINGS OF CATCH BY GEAR, 1976

SPECIES	PURSE SEINES, SALMON 1/		OTTER TRAWLS, SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:				
CHINOOK OR KING	22,600	11,531	-	-
CHUM OR KETA	2,734,000	704,282	-	-
PINK	2,867,600	841,968	-	-
RED OR SOCKEYE	760,100	381,753	-	-
SILVER OR COHO	3,300	1,390	-	-
TOTAL SALMON	6,387,600	1,940,924	-	-
SHRIMP	-	-	3,670,600	293,648
TOTAL	6,387,600	1,940,924	3,670,600	293,648

SPECIES	POTS				GILL NETS	
	CRAB				ANCHOR, SET, OR STAKE, SALMON	
	KING		SNOW			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ARCTIC CHAR	-	-	-	-	10,100	2,533
SALMON:						
CHINOOK OR KING	-	-	-	-	1,803,200	968,528
CHUM OR KETA	-	-	-	-	7,290,800	2,437,899
PINK	-	-	-	-	199,100	60,141
RED OR SOCKEYE	-	-	-	-	3,420,700	1,717,887
SILVER OR COHO	-	-	-	-	804,600	333,488
TOTAL SALMON	-	-	-	-	13,518,400	5,517,943
SHEEFISH	-	-	-	-	(2)	4
WHITEFISH	-	-	-	-	11,100	2,781
CRABS:						
KING	82,262,500	51,825,374	-	-	-	-
SNOW	-	-	22,938,000	4,358,210	-	-
TOTAL	82,262,500	51,825,374	22,938,000	4,358,210	13,539,600	5,523,261

SPECIES	GILL NETS - CONTINUED		LINES, LONG OR SET WITH HOOKS	
	DRIFT, SALMON			
	POUNDS	DOLLARS	POUNDS	DOLLARS
ARCTIC CHAR	(2)	4	-	-
HALIBUT	-	-	644,000	752,060
SALMON:				
CHINOOK OR KING	2,614,700	1,291,371	-	-
CHUM OR KETA	6,379,400	1,787,792	-	-
PINK	916,100	300,703	-	-
RED OR SOCKEYE	33,826,800	16,987,993	-	-
SILVER OR COHO	480,200	216,767	-	-
TOTAL SALMON	44,217,200	20,584,626	-	-
SHEEFISH	100	20	-	-
WHITEFISH, COMMON	3,600	890	-	-
TOTAL	44,220,900	20,585,540	644,000	752,060

SPECIES	FISH WHEELS		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:				
CHINOOK OR KING	67,600	34,590	-	-
CHUM OR KETA	1,822,700	487,580	-	-
PINK	-	-	-	-
SILVER OR COHO	9,700	4,169	-	-
TOTAL SALMON	1,900,000	526,339	-	-
KELP (WITH HERRING EGGS)	-	-	295,800	130,143
TOTAL	1,900,000	526,339	295,800	130,143

1/ INCLUDES HAUL (BEACH) SEINES. 2/ LESS THAN 50 POUNDS.

PACIFIC COAST FISHERIES

WASHINGTON

LANDINGS BY DISTRICTS, 1976

SPECIES	PUGET SOUND		COASTAL		COLUMBIA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP	-	-	-	-	66,000	336
COD	10,936,400	1,409,273	877,900	109,929	1,300	155
FLOUNDERS:						
"SOLE":						
DOVER	2,479,400	315,549	337,000	42,652	3,500	232
ENGLISH	3,375,700	447,119	539,200	75,872	200	32
PETRALE	2,072,700	505,397	378,800	91,611	300	46
REX	112,500	14,582	265,400	33,351	-	-
SAND	105,700	18,839	156,400	29,661	-	-
UNCLASSIFIED	439,300	71,377	2,900	305	-	-
UNCLASSIFIED	724,200	59,781	47,800	3,859	7,800	472
HAKE, PACIFIC	3,739,400	57,285	-	-	-	-
HALIBUT	1,216,400	1,239,506	11,200	10,332	3,500	3,249
HERRING, SEA	5,914,600	1,235,181	-	-	-	-
LINGCOD	2,778,100	378,524	739,500	94,186	3,300	550
OCEAN PERCH, PACIFIC	3,017,200	355,548	8,700	1,084	-	-
POLLOCK	93,900	7,470	-	-	-	-
ROCKFISHES	9,941,300	1,117,035	3,783,600	399,878	35,400	3,700
SABLEFISH	1,145,700	202,801	110,300	18,264	154,200	24,868
SALMON:						
CHINOOK OR KING	4,295,100	6,270,809	3,924,400	5,401,184	3,670,300	2,980,354
CHUM OR KETA	8,313,900	7,553,134	809,100	586,470	6,900	4,938
PINK	5,600	3,696	1,700	835	-	-
RED OR SOCKEYE	7,899,600	7,769,872	70,400	100,651	-	-
SILVER OR COHO	5,541,600	5,603,895	4,671,300	4,994,790	1,973,300	2,133,753
TOTAL SALMON	26,055,800	27,201,406	9,476,900	11,083,930	5,650,500	5,119,045
SAND PERCH	279,600	67,599	300	104	600	57
SHAD	200	19	1,000	78	66,900	9,234
SHARKS:						
GRAYFISH	5,809,300	296,387	-	-	-	-
UNCLASSIFIED	400	3	-	-	-	-
SKATES	7,900	256	-	-	-	-
SMELT:						
EULACHON	-	-	-	-	3,040,600	196,384
SURF OR SILVER	79,300	14,733	5,900	1,371	-	-
STEELHEAD TROUT	232,100	348,132	356,000	506,497	54,400	54,416
STURGEON, COMMON	5,300	1,047	138,300	41,994	341,000	140,078
TOMCOD	3,400	168	-	-	-	-
TUNA, ALBACORE	1,172,900	541,647	3,403,600	1,536,497	2,746,000	1,254,607
TURBOT	328,900	25,922	15,000	751	100	6
UNCLASSIFIED:						
FOR FOOD	100	7	-	-	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	53,700	3,887	-	-	-	-
TOTAL FISH	82,121,400	35,936,480	20,655,700	14,082,206	12,175,600	6,807,467
CRABS, DUNGENESS	2,067,100	836,357	6,061,400	3,450,925	905,900	508,928
CRAWFISH, FRESHWATER	-	-	3,600	1,726	1,600	823
SHRIMP, OCEAN	57,600	50,708	7,292,800	1,242,257	2,014,700	410,305
CLAMS: 1/						
GEODUCK	1,770,800	937,830	-	-	-	-
HARD:						
BUTTER	58,100	23,673	-	-	-	-
LITTLENECK	136,900	115,911	-	-	-	-
MANILA	261,600	230,783	16,200	27,045	-	-
RAZOR	-	-	102,000	190,294	-	-
SOFT, PUBLIC	17,900	14,890	-	-	-	-
MIXED	53,700	14,620	-	-	-	-
OCTOPUS	17,500	3,101	400	67	-	-
OYSTERS, MARKET: 2/						
PACIFIC	2,535,400	3,230,245	2,936,200	3,691,149	-	-
WESTERN	31,300	213,543	-	-	-	-
SQUID	1,100	193	-	-	-	-
SEA URCHINS	1,544,400	114,724	-	-	-	-
UNCLASSIFIED	14,800	3,318	-	-	-	-
TOTAL SHELLFISH ET AL.	8,568,200	5,789,896	16,412,600	8,603,463	2,922,200	920,056
GRAND TOTAL	90,689,600	41,726,376	37,068,300	22,685,669	15,097,800	7,727,523

1/ BASED ON A YIELD OF 33 PERCENT MEATS FOR GEODUCK CLAMS; 25 PERCENT MEATS FOR HARD, SOFT, AND MIXED CLAMS; AND 42 PERCENT MEATS FOR RAZOR CLAMS.

2/ BASED ON A YIELD OF 10 PERCENT MEATS IN PUGET SOUND DISTRICT AND 12 PERCENT MEATS IN COASTAL DISTRICT FOR PACIFIC OYSTERS AND 18 PERCENT MEATS FOR WESTERN OYSTERS.

PUGET SOUND DISTRICT OF WASHINGTON
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON 1/	PURSE SEINES			BEAM TRAWLS, SHRIMP	OTTER TRAWLS
		HERRING	SALMON	OTHER		FISH
	NUMBER					
FISHERMEN:						
ON VESSELS	75	177	1,728	3	6	310
ON BOATS AND SHORE, FULL-TIME	62	-	-	-	2	-
TOTAL	137	177	1,728	3	8	310
VESSELS, MOTOR	25	34	308	1	3	96
GROSS TONNAGE	531	1,559	12,267	24	70	5,547
BOATS, MOTOR	22	34	308	-	1	-
GEAR	49	34	308	1	4	96

ITEM	OTTER TRAWLS - CONTINUED	POUND NETS, FISH 2/	POTS			
	OTHER		CRAB, DUNGENESS	FISH	OCTOPUS	SHRIMP
	NUMBER					
FISHERMEN:						
ON VESSELS	-	-	63	8	-	2
ON BOATS AND SHORE:						
FULL-TIME	2	12	173	-	-	2
PART-TIME	-	-	-	-	4	-
TOTAL	2	12	236	8	4	4
VESSELS, MOTOR	-	-	63	4	-	1
GROSS TONNAGE	-	-	1,210	156	-	12
BOATS, MOTOR	1	2	116	1	2	2
GEAR	1	12	13,425	300	130	200

ITEM	GILL NETS				LINES	
	ANCHOR, SET, OR STAKE		DRIFT		HAND	
	SALMON 2/	OTHER	SALMON	OTHER	ALBACORE	ROCKFISHES
	NUMBER					
FISHERMEN:						
ON VESSELS	48	-	584	-	3	8
ON BOATS AND SHORE, FULL-TIME	40	34	826	2	-	41
TOTAL	88	34	1,410	2	3	49
VESSELS, MOTOR	48	-	584	-	1	4
GROSS TONNAGE	686	-	8,534	-	199	79
BOATS, MOTOR	38	34	694	2	-	41
GEAR	88	34	1,278	2	3	172

ITEM	LINES - CONTINUED				DIP NETS	
	TROLL			LONG OR SET WITH HOOKS	COMMON	DROP
	SALMON	TUNA	OTHER			
	NUMBER					
FISHERMEN:						
ON VESSELS	515	220	-	183	21	-
ON BOATS AND SHORE, FULL-TIME	474	-	355	90	44	3
TOTAL	989	220	355	273	65	- 3
VESSELS, MOTOR	380	110	-	45	7	-
GROSS TONNAGE	7,405	4,005	-	1,409	97	-
BOATS, MOTOR	400	4	353	45	22	3
GEAR	3,676	1,100	706	1,370	65	15

ITEM	REEF NETS	DREDGES		SHOVELS	DIVING OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
		CLAM	OYSTER, COMMON			
	NUMBER					
FISHERMEN:						
ON VESSELS	6	6	14	-	38	3,331
ON BOATS AND SHORE:						
FULL-TIME	63	6	-	-	-	1,720
PART-TIME	63	-	-	125	28	218
TOTAL	132	12	14	125	66	5,269
VESSELS, MOTOR	2	3	7	-	19	1,353
GROSS TONNAGE	56	40	123	-	281	33,362
BOATS, MOTOR	63	3	-	-	14	1,671
GEAR	34	5	14	125	33	-

1/ SALMON CAUGHT BY HAUL SEINES WERE TAKEN ON INDIAN RESERVATIONS BY INDIAN FISHERMEN. 2/ FISHED ON INDIAN RESERVATIONS BY INDIAN FISHERMEN.

PUGET SOUND DISTRICT OF WASHINGTON
LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON 1/		PURSE SEINES			
			HERRING		SALMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS:						
"SOLE":						
ENGLISH	400	54	-	-	-	-
UNCLASSIFIED.	200	25	-	-	-	-
UNCLASSIFIED.	600	71	-	-	-	-
HERRING, SEA.	1,169,100	403,287	2,486,400	392,389	-	-
LINGCOD	-	-	-	-	100	19
SALMON:						
CHINOOK OR KING	12,600	19,454	-	-	999,200	1,241,238
CHUM OR KETA.	28,100	21,429	-	-	2,759,200	2,614,386
RED OR SOCKEYE.	-	-	-	-	3,923,500	3,597,615
SILVER OR COHO.	44,700	45,626	-	-	1,382,100	1,334,738
SAND PERCH.	269,800	66,106	-	-	-	-
SHARKS, GRAYFISH.	-	-	-	-	2,900	146
SMELT, SURF	68,900	13,814	-	-	-	-
OCTOPUS	100	24	-	-	-	-
TOTAL	1,594,500	569,890	2,486,400	392,389	9,067,000	8,788,142

SPECIES	PURSE SEINES - CONTINUED		BEAM TRAWLS, SHRIMP		OTTER TRAWLS	
	OTHER				FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	-	-	-	-	10,685,100	1,377,221
FLOUNDERS:						
"SOLE":						
DOVER	-	-	-	-	2,479,400	315,549
ENGLISH	-	-	-	-	3,375,100	447,028
PETRALE	-	-	-	-	2,072,500	505,355
REX	-	-	-	-	112,500	14,582
SAND.	-	-	-	-	105,700	18,839
UNCLASSIFIED.	-	-	-	-	438,700	71,307
UNCLASSIFIED.	-	-	-	-	723,300	59,688
HAKE, PACIFIC	-	-	-	-	3,739,400	57,285
LINGCOD	-	-	-	-	2,560,400	332,641
OCEAN PERCH, PACIFIC. . . .	-	-	-	-	3,017,200	355,548
POLLOCK	-	-	-	-	93,900	7,470
ROCKFISHES.	-	-	-	-	9,737,100	1,090,629
SABLEFISH	-	-	-	-	673,400	87,584
SAND PERCH.	-	-	-	-	9,700	1,463
SHAD.	-	-	-	-	100	4
SHARKS, GRAYFISH.	-	-	-	-	1,249,800	59,003
SKATES.	-	-	-	-	7,900	256
SMELT, SURF	6,300	581	-	-	-	-
STURGEON, COMMON.	-	-	-	-	2,800	387
TOMCOD.	-	-	-	-	3,400	168
TURBOT.	-	-	-	-	328,900	25,922
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	-	-	-	-	53,700	3,887
SHRIMP, OCEAN	-	-	40,100	33,589	-	-
OCTOPUS	-	-	-	-	14,800	2,291
SQUID	-	-	-	-	1,100	193
TOTAL	6,300	581	40,100	33,589	41,485,900	4,834,300

SPECIES	OTTER TRAWLS - CONTINUED		POUND NETS, FISH 2/		POTS	
	OTHER				CRAB, DUNGENESS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:						
CHINOOK OR KING	-	-	19,900	31,387	-	-
CHUM OR KETA.	-	-	3,000	2,291	-	-
RED OR SOCKEYE.	-	-	2,300	2,478	-	-
SILVER OR COHO.	-	-	31,100	27,867	-	-
CRABS, DUNGENESS.	-	-	-	-	2,061,500	833,281
OCTOPUS	100	10	-	-	-	-
TOTAL	100	10	56,300	64,023	2,061,500	833,281

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PUGET SOUND DISTRICT OF WASHINGTON
LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POTS - CONTINUED					
	FISH		OCTOPUS		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ROCKFISHES	100	14	-	-	-	-
SABLEFISH	26,900	7,174	-	-	-	-
SHRIMP, OCEAN	-	-	-	-	17,500	17,119
OCTOPUS	1,000	267	1,500	509	-	-
TOTAL	28,000	7,455	1,500	509	17,500	17,119

SPECIES	GILL NETS					
	ANCHOR, SET, OR STAKE				DRIFT	
	SALMON 2/		OTHER		SALMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	-	-	248,100	31,453	-	-
FLOUNDERS:						
"SOLE":						
ENGLISH	200	37	-	-	-	-
UNCLASSIFIED	-	-	400	45	-	-
UNCLASSIFIED	-	-	300	22	-	-
HERRING, SEA	-	-	2,007,000	361,485	-	-
LINGCOD	-	-	21,800	3,560	400	76
ROCKFISHES	-	-	4,800	658	600	80
SALMON:						
CHINOOK OR KING	1,692,500	2,554,742	-	-	628,900	959,961
CHUM OR KETA	2,597,400	1,941,805	-	-	2,880,100	2,934,651
PINK	100	35	-	-	500	318
RED OR SOCKEYE	495,300	547,427	-	-	3,330,400	3,459,144
SILVER OR COHO	1,522,300	1,468,856	-	-	1,067,500	1,056,683
SAND PERCH	-	-	100	30	-	-
SHAD	-	-	100	15	-	-
SHARKS:						
GRAYFISH	-	-	3,987,800	209,161	111,300	5,668
UNCLASSIFIED	-	-	400	3	-	-
STEELHEAD TROUT	232,100	348,132	-	-	-	-
STURGEON, COMMON	1,300	419	-	-	1,200	241
UNCLASSIFIED, FOR FOOD	100	7	-	-	-	-
TOTAL	6,541,300	6,861,460	6,270,800	606,432	8,020,900	8,416,822

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT - CONTINUED		HAND			
	OTHER		ALBACORE		ROCKFISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	-	-	-	-	1,400	267
HALIBUT	-	-	-	-	800	731
HERRING, SEA	102,300	30,720	-	-	-	-
LINGCOD	-	-	-	-	42,200	10,042
ROCKFISHES	-	-	-	-	18,400	3,041
SHARKS, GRAYFISH	-	-	-	-	100	5
TUNA, ALBACORE	-	-	28,200	12,472	-	-
TOTAL	102,300	30,720	28,200	12,472	62,900	14,086

SPECIES	LINES - CONTINUED					
	TROLL					
	SALMON		TUNA		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	-	-	-	-	800	96
HALIBUT	-	-	-	-	130,500	133,842
LINGCOD	-	-	-	-	70,100	16,441
ROCKFISHES	-	-	-	-	70,800	7,987
SABLEFISH	-	-	-	-	1,800	346
SALMON:						
CHINOOK OR KING	931,200	1,450,858	-	-	-	-
CHUM OR KETA	2,300	1,919	-	-	-	-
PINK	5,000	3,343	-	-	-	-
RED OR SOCKEYE	3,800	3,763	-	-	-	-
SILVER OR COHO	1,448,100	1,626,633	-	-	-	-
SHARKS, GRAYFISH	-	-	-	-	17,300	867
TUNA, ALBACORE	-	-	1,144,700	529,175	-	-
TOTAL	2,390,400	3,086,516	1,144,700	529,175	291,300	159,579

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PUGET SOUND DISTRICT OF WASHINGTON
LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	LINES - CONTINUED		DIP NETS			
	LONG OR SET WITH HOOKS		COMMON		DROP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	1,000	236	-	-	-	-
FLOUNDERS, "SOLE", PETRALE	200	42	-	-	-	-
HALIBUT	1,085,100	1,104,933	-	-	-	-
HERRING, SEA	-	-	149,800	47,300	-	-
LINGCOD	83,100	15,745	-	-	-	-
ROCKFISHES	109,500	14,626	-	-	-	-
SABLEFISH	443,600	107,697	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	500	342	-	-
CHUM OR KETA	-	-	6,400	2,861	-	-
SILVER OR COHO	-	-	4,600	4,953	-	-
SHARKS, GRAYFISH	440,100	21,537	-	-	-	-
SMELT, SURF	-	-	4,100	338	-	-
CRABS, DUNGENESS	-	-	-	-	5,600	3,076
SHELLFISH, UNCLASSIFIED	-	-	14,800	3,318	-	-
TOTAL	2,162,600	1,264,816	180,200	59,113	5,600	3,076

SPECIES	REEF NETS		DREDGES			
			CLAM		OYSTER, COMMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:						
CHINOOK OR KING	10,300	12,827	-	-	-	-
CHUM OR KETA	37,400	33,792	-	-	-	-
RED OR SOCKEYE	144,300	159,445	-	-	-	-
SILVER OR COHO	41,200	38,539	-	-	-	-
CLAMS: 3/						
HARD:						
BUTTER	-	-	52,500	21,588	-	-
LITTLENECK	-	-	28,200	32,026	-	-
SOFT, PUBLIC	-	-	17,900	14,890	-	-
MIXED	-	-	53,700	14,620	-	-
OYSTERS, MARKET: 4/						
PACIFIC	-	-	-	-	2,535,400	3,230,245
WESTERN	-	-	-	-	31,300	213,543
TOTAL	233,200	244,603	152,300	83,124	2,566,700	3,443,788

SPECIES	SHOVELS		DIVING OUTFITS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS: 3/				
GEODUCK	-	-	1,770,800	937,830
HARD:				
BUTTER	5,600	2,085	-	-
LITTLENECK	108,700	83,885	-	-
MANILA	261,600	230,783	-	-
SEA URCHINS	-	-	1,544,400	114,724
TOTAL	375,900	316,753	3,315,200	1,052,554

1/ SALMON CAUGHT BY HAUL SEINES WERE TAKEN ON INDIAN RESERVATIONS BY INDIAN FISHERMEN. 2/ FISHED ON INDIAN RESERVATIONS BY INDIAN FISHERMEN. 3/ BASED ON A YIELD OF 33 PERCENT MEATS FOR GEODUCK CLAMS AND 25 PERCENT FOR HARD, SOFT, AND MIXED CLAMS. 4/ BASED ON A YIELD OF 10 PERCENT MEATS FOR PACIFIC OYSTERS AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS.

COASTAL DISTRICT OF WASHINGTON
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON 1/	OTTER TRAWLS		POTS		
		FISH	SHRIMP	CRAB, DUNGENESS	CRAWFISH	FISH
	NUMBER					
FISHERMEN:						
ON VESSELS	27	79	78	387	-	4
ON BOATS AND SHORE:						
FULL-TIME	3	-	-	46	-	-
PART-TIME	-	-	-	-	2	-
TOTAL	30	79	78	433	2	4
VESSELS, MOTOR	9	25	26	152	-	2
GROSS TONNAGE	897	1,832	2,417	4,666	-	72
BOATS, MOTOR	1	-	-	34	2	-
GEAR	11	25	50	40,771	100	100

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

COASTAL DISTRICT OF WASHINGTON
OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	GILL NETS			LINES		
	ANCHOR, SET OR STAKE		DRIFT, SALMON	HAND, ALBACORE	TROLL	
	SALMON 1/	OTHER			SALMON	TUNA
	NUMBER					
FISHERMEN:						
ON VESSELS	-	-	77	75	675	352
ON BOATS AND SHORE, FULL-TIME	100	1	335	-	1,032	-
TOTAL	100	1	412	75	1,707	352
VESSELS, MOTOR	-	-	77	25	675	176
GROSS TONNAGE	-	-	875	2,266	12,712	5,192
BOATS, MOTOR	100	1	282	-	871	9
GEAR	100	1	359	75	7,071	1,760

ITEM	LINES - CONTINUED	DREDGES, OYSTER, COMMON	SHOVELS 1/	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS			
	NUMBER			
FISHERMEN:				
ON VESSELS	9	32	-	1,439
ON BOATS AND SHORE:				
FULL-TIME	8	-	-	1,483
PART-TIME	-	-	40	41
TOTAL	17	32	40	2,963
VESSELS, MOTOR	3	16	-	910
GROSS TONNAGE	72	348	-	23,276
BOATS, MOTOR	4	-	-	1,254
GEAR	122	32	40	-

1/ OPERATED ON INDIAN RESERVATIONS BY INDIAN FISHERMEN.

COASTAL DISTRICT OF WASHINGON
LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON 1/		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	-	-	876,500	109,640	1,400	289
FLOUNDERS:						
"SOLE":						
DOVER	-	-	335,900	42,509	1,100	143
ENGLISH	-	-	536,100	75,515	3,100	357
PETRALE	-	-	378,500	91,528	300	83
REX	-	-	265,200	33,316	200	35
SAND	-	-	151,800	28,830	4,600	831
UNCLASSIFIED	-	-	2,900	305	-	-
UNCLASSIFIED	-	-	45,600	3,703	1,500	119
LINGCOD	-	-	687,600	86,303	6,800	847
OCEAN PERCH, PACIFIC	-	-	8,700	1,084	-	-
ROCKFISHES	-	-	2,986,700	323,199	535,100	51,385
SABLEFISH	-	-	17,700	2,961	1,300	322
SMELT, SURF OR SILVER	5,900	1,371	-	-	-	-
STURGEON, COMMON	-	-	1,300	230	-	-
TURBOT	-	-	15,000	751	-	-
SHRIMP, OCEAN	-	-	-	-	7,292,800	1,242,257
OCTOPUS	-	-	400	67	-	-
TOTAL	5,900	1,371	6,309,900	799,941	7,848,200	1,296,668

SPECIES	POTS					
	CRAB, DUNGENESS		CRAWFISH		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SABLEFISH	-	-	-	-	91,200	14,939
CRABS, DUNGENESS	6,061,400	3,450,925	-	-	-	-
CRAWFISH, FRESHWATER	-	-	3,600	1,726	-	-
TOTAL	6,061,400	3,450,925	3,600	1,726	91,200	14,939

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

COASTAL DISTRICT OF WASHINGTON
LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	GILL NETS					
	ANCHOR, SET, OR STAKE				DRIFT, SALMON	
	SALMON 1/		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, UNCLASSIFIED	-	-	-	-	400	20
ROCKFISHES	-	-	-	-	100	9
SALMON:						
CHINOOK OR KING	276,900	357,343	-	-	721,100	1,081,323
CHUM OR KETA	255,400	135,890	-	-	552,700	449,834
RED OR SOCKEYE	70,100	100,262	-	-	-	-
SILVER OR COHO	381,900	365,520	-	-	204,900	222,955
SAND PERCH	-	-	-	-	100	41
SHAD	-	-	1,000	78	-	-
STEELHEAD TROUT	356,000	506,497	-	-	-	-
STURGEON, COMMON	6,000	2,394	-	-	124,000	36,854
TOTAL	1,346,300	1,467,906	1,000	78	1,603,300	1,791,036

SPECIES	LINES					
	HAND, ALBACORE		TROLL			
			SALMON		TUNA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, UNCLASSIFIED	-	-	300	17	-	-
HALIBUT	-	-	11,200	10,332	-	-
LINGCOD	-	-	44,400	6,833	-	-
ROCKFISHES	-	-	260,900	25,100	-	-
SABLEFISH	-	-	100	42	-	-
SALMON:						
CHINOOK OR KING	-	-	2,926,400	3,962,518	-	-
CHUM OR KETA	-	-	1,000	746	-	-
PINK	-	-	1,700	835	-	-
RED OR SOCKEYE	-	-	300	389	-	-
SILVER OR COHO	-	-	4,084,500	4,406,315	-	-
SAND PERCH	-	-	200	63	-	-
TUNA, ALBACORE	1,456,800	648,300	-	-	1,946,800	888,197
TOTAL	1,456,800	648,300	7,331,000	8,413,190	1,946,800	888,197

SPECIES	LINES - CONTINUED		DREDGES, OYSTER, COMMON		SHOVELS 1/	
	LONG OR SET WITH HOOKS					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
LINGCOD	700	203	-	-	-	-
ROCKFISHES	800	185	-	-	-	-
STURGEON, COMMON	7,000	2,516	-	-	-	-
CLAMS: 2/						
HARD, MANILA	-	-	-	-	16,200	27,045
RAZOR	-	-	-	-	102,000	190,294
OYSTERS, MARKET, PACIFIC 3/	-	-	2,936,200	3,691,149	-	-
TOTAL	8,500	2,904	2,936,200	3,691,149	118,200	217,339

1/ FISHED ON INDIAN RESERVATIONS BY INDIAN FISHERMEN. 2/ BASED ON A YIELD OF 25 PERCENT MEATS FOR HARD CLAMS AND 42 PERCENT MEATS FOR RAZOR CLAMS. 3/ BASED ON A YIELD OF 12 PERCENT MEATS.

COLUMBIA RIVER DISTRICT OF WASHINGTON
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, SHRIMP	POTS			GILL NETS
			CRAB, DUNGENESS	CRAWFISH	FISH	ANCHOR, SET, OR STAKE
						SALMON 1/
	NUMBER					
FISHERMEN:						
ON VESSELS	3	27	102	-	4	-
ON BOATS AND SHORE:						
FULL-TIME	3	-	17	-	-	2
PART-TIME	-	-	-	1	-	-
TOTAL	6	27	119	1	4	2
VESSELS, MOTOR	1	9	41	-	2	-
GROSS TONNAGE	115	646	1,041	-	65	-
BOATS, MOTOR	1	-	13	1	-	2
GEAR	2	18	10,317	50	200	2

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

COLUMBIA RIVER DISTRICT OF WASHINGTON OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	GILL NETS - CONTINUED				LINES	
	ANCHOR, SET, OR STAKE - CONTINUED	DRIFT			HAND, ALBACORE	TROLL
	OTHER	SALMON	SHAD	OTHER		SALMON
	NUMBER					
FISHERMEN:						
ON VESSELS.	-	98	-	-	42	266
ON BOATS AND SHORE, FULL-TIME	5	352	3	1	-	509
TOTAL	5	450	3	1	42	775
VESSELS, MOTOR.	-	98	-	-	14	266
GROSS TONNAGE	-	1,212	-	-	858	4,802
BOATS, MOTOR.	5	290	3	1	-	417
GEAR.	5	388	3	1	42	3,020

ITEM	LINES - CONTINUED			DIP NETS, COMMON 1/	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL - CONTINUED		LONG OR SET WITH HOOKS		
	TUNA	OTHER			
	NUMBER				
FISHERMEN:					
ON VESSELS.	182	458	63	21	964
ON BOATS AND SHORE:					
FULL-TIME	-	38	53	64	991
PART-TIME	-	-	-	-	1
TOTAL	182	496	116	85	1,956
VESSELS, MOTOR.	91	229	21	7	537
GROSS TONNAGE	3,129	4,261	462	55	11,690
BOATS, MOTOR.	5	19	19	32	755
GEAR.	910	1,484	1,134	85	-

1/ OPERATED ON INDIAN RESERVATIONS BY INDIAN FISHERMEN.

COLUMBIA RIVER DISTRICT OF WASHINGTON LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, SHRIMP		POTS	
					CRAB, DUNGENESS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP.	66,000	336	-	-	-	-
COD	-	-	1,300	155	-	-
FLOUNDERS, "SOLE":						
DOVER	-	-	3,500	232	-	-
ENGLISH	-	-	200	32	-	-
PETRALE	-	-	300	46	-	-
LINGCOD	-	-	2,100	380	-	-
ROCKFISHES.	-	-	23,400	2,401	-	-
SABLEFISH	-	-	300	34	-	-
SAND PERCH.	-	-	600	57	-	-
TURBOT.	-	-	100	6	-	-
CRABS, DUNGENESS.	-	-	-	-	905,900	508,928
SHRIMP, OCEAN	-	-	2,014,700	410,305	-	-
TOTAL	66,000	336	2,046,500	413,648	905,900	508,928

SPECIES	POTS - CONTINUED				GILL NETS	
	CRAWFISH		FISH		ANCHOR, SET, OR STAKE	
					SALMON 1/	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ROCKFISHES.	-	-	100	9	-	-
SABLEFISH	-	-	149,000	23,804	-	-
SALMON:						
CHINOOK OR KING	-	-	-	-	2,253,200	1,116,964
SILVER OR COHO.	-	-	-	-	25,700	21,147
STEELHEAD TROUT	-	-	-	-	54,400	54,416
STURGEON, COMMON.	-	-	-	-	9,700	4,262
CRAWFISH, FRESHWATER. . . .	1,600	823	-	-	-	-
TOTAL	1,600	823	149,100	23,813	2,343,000	1,196,789

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

COLUMBIA RIVER DISTRICT OF WASHINGTON LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	GILL NETS - CONTINUED					
	ANCHOR, SET, OR STAKE - CONTD.		DRIFT			
	OTHER		SALMON		SHAD	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, UNCLASSIFIED . .	-	-	7,700	468	-	-
SALMON:						
CHINOOK OR KING	-	-	885,900	1,211,524	-	-
CHUM OR KETA.	-	-	6,900	4,938	-	-
SILVER OR COHO.	-	-	313,000	347,598	-	-
SHAD.	24,500	2,881	-	-	42,400	6,353
STURGEON, COMMON.	-	-	323,100	131,632	-	-
TOTAL	24,500	2,881	1,536,600	1,696,160	42,400	6,353

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT - CONTINUED		HAND, ALBACORE		TROLL	
	OTHER				SALMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:						
CHINOOK OR KING	-	-	-	-	497,300	625,324
SILVER OR COHO.	-	-	-	-	1,630,200	1,761,458
SMELT, EULACHON	300	65	-	-	-	-
TUNA, ALBACORE.	-	-	797,300	362,755	-	-
TOTAL	300	65	797,300	362,755	2,127,500	2,386,782

SPECIES	LINES - CONTINUED			
	TROLL - CONTINUED			
	TUNA		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, UNCLASSIFIED . .	-	-	100	4
HALIBUT	-	-	1,100	1,039
LINGCOD	-	-	1,000	148
ROCKFISHES.	-	-	9,800	1,028
STURGEON, COMMON.	-	-	400	166
TUNA, ALBACORE.	1,948,700	891,852	-	-
TOTAL	1,948,700	891,852	12,400	2,385

SPECIES	LINES - CONTINUED		DIP NETS, COMMON 1/	
	LONG OR SET WITH HOOKS			
	POUNDS	DOLLARS	POUNDS	DOLLARS
HALIBUT	2,400	2,210	-	-
LINGCOD	200	22	-	-
ROCKFISHES.	2,100	262	-	-
SABLEFISH	4,900	1,030	-	-
SALMON:				
CHINOOK OR KING	-	-	33,900	26,542
SILVER OR COHO.	-	-	4,400	3,550
SMELT, EULACHON	-	-	3,040,300	196,319
STURGEON, COMMON.	7,700	3,971	100	47
TOTAL	17,300	7,495	3,078,700	226,458

1/ FISHED ON INDIAN RESERVATIONS BY INDIAN FISHERMEN.

PACIFIC COAST FISHERIES

OREGON

LANDINGS BY DISTRICTS, 1976

SPECIES	COLUMBIA RIVER		COASTAL	
FISH	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	-	-	1,500	600
COD	625,300	83,763	5,400	804
FLOUNDERS:				
ARROWTOOTH HALIBUT	-	-	3,700	1,039
SANDDABS	77,300	9,417	249,600	45,069
"SOLE":				
DOVER	1,216,200	156,923	3,801,900	530,238
ENGLISH	1,414,500	200,567	2,188,200	370,120
PETRALE	717,100	174,591	906,400	238,816
REX	790,700	122,299	288,200	55,954
SAND	612,400	117,281	235,400	50,384
UNCLASSIFIED	-	-	300,500	66,257
UNCLASSIFIED	1,533,900	121,677	221,000	32,373
HAKE, PACIFIC	469,400	18,754	2,600	123
HALIBUT	2,400	2,445	74,000	68,543
HERRING, SEA	-	-	83,600	4,363
LAMPREY	800	72	-	-
LINGCOD	500,900	63,329	622,700	88,267
MACKEREL, PACIFIC	-	-	3,000	308
OCEAN PERCH, PACIFIC	456,400	52,608	1,876,200	223,104
ROCKFISHES	3,413,000	399,889	2,301,300	321,230
SABLEFISH	89,300	29,957	997,500	89,921
SALMON:				
CHINOOK OR KING	2,911,500	3,595,304	1,813,000	2,915,779
CHUM OR KETA	10,100	7,929	-	-
PINK	-	-	5,500	7,469
RED	400	401	-	-
SILVER OR COHO	1,757,500	2,044,431	8,764,700	10,339,968
TOTAL	4,679,500	5,648,065	10,583,200	13,263,216
SHAD	248,200	54,773	164,400	28,622
SHARKS:				
GRAYFISH	12,800	105	500	161
SOUPFIN	700	157	2,300	590
SKATES	85,300	4,264	168,700	8,795
SMELT:				
EULACHON	19,500	1,728	-	-
SURF OR SILVER	-	-	300	35
STEELHEAD TROUT	33,500	28,321	-	-
STURGEON, COMMON	521,800	233,909	2,900	479
TUNA:				
ALBACORE	4,750,200	2,361,259	1,183,400	538,092
SKIPJACK	4,449,000	1,236,161	-	-
YELLOWFIN	6,966,800	2,081,167	-	-
TOTAL	16,166,000	5,678,587	1,183,400	538,092
TURBOT	63,800	3,181	3,700	566
WOLFFISH	-	-	300	285
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	628,200	45,612	2,300	515
TOTAL FISH	34,378,900	13,252,274	26,274,700	16,028,869
SHELLFISH ET AL.				
CRABS, DUNGENESS	1,356,300	736,977	6,781,000	4,317,709
CRAWFISH, FRESHWATER	11,900	10,667	-	-
SAND SHRIMP	1,100	221	26,300	16,488
SHRIMP, OCEAN	5,700,500	1,070,865	19,755,400	3,875,379
CLAMS: 1/				
COCKLE	-	-	100	52
HARD:				
BUTTER	-	-	200	164
LITTLENECK	-	-	100	273
RAZOR	-	-	47,000	92,775
SOFT, PUBLIC	-	-	200	458
MIXED	100	99	64,300	11,924
TOTAL	100	99	111,900	105,646
MUSSELS, SEA 2/	-	-	200	60
OCTOPUS	200	60	14,300	3,491
OYSTERS, MARKET, PACIFIC 3/	-	-	172,200	206,640
TOTAL SHELLFISH ET AL.	7,070,100	1,818,889	26,861,300	8,525,413
GRAND TOTAL	41,449,000	15,071,163	53,136,000	24,554,282

1/ BASED ON A YIELD OF 25 PERCENT MEATS FOR COCKLE, HARD, SOFT, AND MIXED CLAMS, AND 42 PERCENT MEATS FOR RAZOR CLAMS. 2/ BASED ON A YIELD OF 25 PERCENT MEATS. 3/ BASED ON A YIELD OF 12 PERCENT MEATS.

COLUMBIA RIVER DISTRICT OF OREGON OPERATING UNITS BY GEAR, 1976

ITEM	PURSE SEINES, TUNA	OTTER TRAWLS		POTS		
		FISH	SHRIMP	CRAB, DUNGENESS	CRAWFISH	FISH
	NUMBER					
FISHERMEN:						
ON VESSELS	84	127	93	102	-	5
ON BOATS AND SHORE:						
FULL-TIME	-	-	-	8	-	-
PART-TIME	-	-	-	-	2	-
TOTAL	84	127	93	110	2	5
VESSELS, MOTOR	6	36	28	38	-	5
GROSS TONNAGE	5,712	2,405	2,108	961	-	172
BOATS, MOTOR	-	-	-	6	2	-
GEAR	6	54	50	9,716	100	250

ITEM	GILL NETS					LINES
	ANCHOR, SET, OR STAKE		DRIFT			TROLL
	SALMON 1/	OTHER	SALMON	SHAD	OTHER	SALMON
	NUMBER					
FISHERMEN:						
ON VESSELS	18	5	108	3	-	500
ON BOATS AND SHORE, FULL-TIME	31	15	444	18	4	201
TOTAL	49	20	552	21	4	701
VESSELS, MOTOR	18	5	108	3	-	250
GROSS TONNAGE	535	165	1,873	79	-	5,820
BOATS, MOTOR	31	15	370	18	4	167
GEAR	49	20	478	39	4	2,081

ITEM	LINES - CONTINUED			DIP NETS, COMMON 1/
	TROLL - CONTINUED		LONG OR SET WITH HOOKS	
	TUNA	OTHER		
	NUMBER			
FISHERMEN:				
ON VESSELS	346	232	12	2
ON BOATS AND SHORE, FULL-TIME	9	-	48	10
TOTAL	355	232	60	12
VESSELS, MOTOR	173	116	6	1
GROSS TONNAGE	7,572	3,303	71	12
BOATS, MOTOR	6	-	24	5
GEAR	1,790	232	492	12

ITEM	WATER PUMP	SHOVELS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER		
FISHERMEN:			
ON VESSELS	-	-	1,122
ON BOATS AND SHORE:			
FULL-TIME	5	5	684
PART-TIME	-	-	2
TOTAL	5	5	1,808
VESSELS, MOTOR	-	-	522
GROSS TONNAGE	-	-	21,860
BOATS, MOTOR	-	2	547
GEAR	5	5	-

1/ OPERATED ON INDIAN RESERVATIONS BY INDIAN FISHERMEN.

COLUMBIA RIVER DISTRICT OF OREGON LANDINGS OF CATCH BY GEAR, 1976

SPECIES	PURSE SEINES, TUNA		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
COD	-	-	612,800	82,191	12,500	1,572
FLOUNDERS:						
SANDDABS	-	-	73,200	8,730	4,100	687
"SOLE":						
DOVER	-	-	1,196,200	154,326	17,400	2,263
ENGLISH	-	-	1,380,200	195,558	34,300	5,009
PETRALE	-	-	707,800	172,349	9,300	2,242
REX	-	-	779,600	120,586	10,600	1,640
SAND	-	-	599,800	114,995	12,600	2,286
UNCLASSIFIED	-	-	1,425,900	113,403	55,600	4,951
HAKE, PACIFIC	-	-	469,400	18,754	-	-
LINGCOD	-	-	481,000	60,776	17,000	2,134
OCEAN PERCH, PACIFIC	-	-	454,300	52,362	1,900	221
ROCKFISHES	-	-	3,223,700	377,651	172,700	20,005
SABLEFISH	-	-	83,700	29,102	3,200	675
SHARKS:						
GRAYFISH	-	-	12,800	105	-	-
SOUPFIN	-	-	600	143	100	14
SKATES	-	-	85,300	4,264	-	-
STURGEON, COMMON	-	-	8,700	1,824	-	-
TUNA:						
SKIPJACK	3,515,400	962,612	-	-	-	-
YELLOWFIN	6,966,800	2,081,167	-	-	-	-
TURBOT	-	-	63,600	3,169	200	12
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	627,000	45,525	800	55
SHRIMP, OCEAN	-	-	300,200	58,906	5,400,300	1,011,959
OCTOPUS	-	-	200	60	-	-
TOTAL	10,482,200	3,043,779	12,586,000	1,614,779	5,752,600	1,055,725

SPECIES	POTS					
	CRAB, DUNGENESS		CRAWFISH		FISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
LINGCOD	-	-	-	-	700	83
CRABS, DUNGENESS	1,356,300	736,977	-	-	-	-
CRAWFISH, FRESHWATER	-	-	11,900	10,667	-	-
TOTAL	1,356,300	736,977	11,900	10,667	700	83

SPECIES	GILL NETS					
	ANCHOR, SET, OR STAKE				DRIFT	
	SALMON 1/		OTHER		SALMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, UNCLASSIFIED	-	-	-	-	52,200	3,263
SALMON:						
CHINOOK OR KING	473,900	308,208	-	-	2,135,400	2,889,565
CHUM OR KETA	100	125	-	-	10,000	7,804
RED OR SOCKEYE	100	88	-	-	300	313
SILVER OR COHO	9,700	8,639	-	-	983,700	1,084,046
SHAD	-	-	41,700	8,563	-	-
STEELHEAD TROUT	31,900	26,585	-	-	1,600	1,736
STURGEON, COMMON	11,500	5,416	-	-	340,400	141,470
TOTAL	527,200	349,061	41,700	8,563	3,523,600	4,128,197

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT - CONTINUED				TROLL	
	SHAD		OTHER		SALMON	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:						
CHINOOK OR KING	-	-	-	-	302,200	397,531
SILVER OR COHO	-	-	-	-	764,100	951,746
SHAD	155,600	37,504	-	-	-	-
SMELT, EULACHON	-	-	19,500	1,728	-	-
TOTAL	155,600	37,504	19,500	1,728	1,066,300	1,349,277

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

COLUMBIA RIVER DISTRICT OF OREGON
LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	LINES - CONTINUED					
	TROLL - CONTINUED				LONG OR SET WITH HOOKS	
	TUNA		OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS:						
"SOLE":						
DOVER	-	-	2,600	334	-	-
REX	-	-	500	73	-	-
UNCLASSIFIED	-	-	100	9	100	51
HALIBUT	-	-	-	-	2,400	2,445
LINGCOD	-	-	2,200	336	-	-
OCEAN PERCH, PACIFIC	-	-	200	25	-	-
ROCKFISHES	-	-	16,600	2,233	-	-
SABLEFISH	-	-	100	19	-	-
STURGEON, COMMON	-	-	-	-	161,200	85,199
TUNA:						
ALBACORE	4,750,200	2,361,259	-	-	-	-
SKIPJACK	-	-	933,600	273,549	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	400	32	-	-
TOTAL	4,750,200	2,361,259	956,300	276,610	163,700	87,695

SPECIES	DIP NETS, COMMON 1/		WATER PUMP		SHOVELS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
LAMPREY	800	72	-	-	-	-
SABLEFISH	2,300	161	-	-	-	-
SHAD	50,900	8,706	-	-	-	-
SAND SHRIMP	-	-	1,100	221	-	-
CLAMS, MIXED 2/	-	-	-	-	100	99
TOTAL	54,000	8,939	1,100	221	100	99

1/ FISHED ON INDIAN RESERVATIONS BY INDIAN FISHERMEN. 2/ BASED ON A YIELD OF 25 PERCENT MEATS.

COASTAL DISTRICT OF OREGON
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS		GILL NETS	GILL NETS - CONTINUED			LINES		
							DRIFT			TROLL		
		FISH	SHRIMP	CRAB, DUNGENESS	FISH	ANCHOR, SET, OR STAKE	SALMON	SHAD	OTHER	SALMON	TUNA	OTHER
	NUMBER						NUMBER					
FISHERMEN:												
ON VESSELS	1	325	266	376	16	2	-	36	-	2,081	522	1,618
ON BOATS AND SHORE, FULL-TIME	23	-	-	77	4	44	17	6	1	1,697	69	62
TOTAL	24	325	266	453	20	46	17	42	1	3,778	591	1,680
VESSELS, MOTOR	1	96	83	153	8	2	-	18	-	1,041	261	809
GROSS TONNAGE	12	3,810	4,158	3,598	250	27	-	506	-	19,666	6,586	15,427
BOATS, MOTOR	1	-	-	50	4	22	12	3	1	1,409	46	31
GEAR	9	150	142	40,879	700	24	12	21	1	11,120	3,070	1,876

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

COASTAL DISTRICT OF OREGON
OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	LINES - CONTINUED	WATER PUMP	DREDGES, OYSTER, COMMON	SHOVELS	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS				
	NUMBER				
FISHERMEN:					
ON VESSELS.	6	-	4	-	2,529
ON BOATS AND SHORE, FULL-TIME	2	33	-	422	2,333
TOTAL	8	33	4	422	4,862
VESSELS, MOTOR.	3	-	2	-	1,154
GROSS TONNAGE	80	-	23	-	25,469
BOATS, MOTOR.	1	-	-	-	1,476
GEAR.	158	33	4	422	-

COASTAL DISTRICT OF OREGON
LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	1,000	400	500	200	-	-
COD	-	-	4,100	577	1,300	227
FLOUNDERS:						
ARROWTOOTH HALIBUT. . . .	-	-	3,700	1,039	-	-
SANDDABS.	-	-	247,400	44,605	2,200	464
"SOLE":						
DOVER	-	-	3,762,900	522,172	39,000	8,066
ENGLISH	-	-	2,180,200	368,759	8,000	1,361
PETRALE	-	-	897,900	236,809	8,200	1,936
REX	-	-	285,900	55,538	2,300	416
SAND.	-	-	233,800	50,008	1,600	376
UNCLASSIFIED.	-	-	299,600	66,147	900	110
UNCLASSIFIED.	-	-	218,800	32,112	2,200	261
HAKE, PACIFIC	-	-	2,600	123	-	-
HERRING, SEA.	83,600	4,363	-	-	-	-
LINGCOD	-	-	497,800	65,909	27,800	3,875
OCEAN PERCH, PACIFIC. . . .	-	-	1,782,400	212,136	93,800	10,968
ROCKFISHES.	-	-	1,465,300	198,646	435,900	56,889
SABLEFISH	-	-	947,500	84,767	44,800	4,186
SHARKS:						
GRAYFISH.	-	-	100	49	-	-
SOUPFIN	-	-	2,200	551	100	39
SKATES.	-	-	168,700	8,795	-	-
STURGEON, COMMON.	-	-	2,900	479	-	-
TUNA, ALBACORE.	-	-	-	-	100	43
TURBOT.	-	-	3,700	566	-	-
WOLFFISH.	-	-	200	210	100	75
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	-	-	400	63	-	-
SHRIMP, OCEAN	-	-	38,800	6,899	19,716,600	3,868,480
OCTOPUS	-	-	13,900	3,299	400	192
TOTAL	84,600	4,763	13,061,300	1,960,458	20,385,300	3,957,964

SPECIES	POTS				GILL NETS	
	CRAB, DUNGENESS		FISH		ANCHOR, SET, OR STAKE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
LINGCOD	-	-	13,500	2,508	-	-
ROCKFISHES.	-	-	5,500	758	-	-
SABLEFISH	-	-	2,700	165	-	-
SHAD.	-	-	-	-	149,800	25,752
CRABS, DUNGENESS.	6,781,000	4,317,709	-	-	-	-
TOTAL	6,781,000	4,317,709	21,700	3,431	149,800	25,752

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

COASTAL DISTRICT OF OREGON
LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	GILL NETS - CONTINUED					
	DRIFT					
	SALMON		SHAD		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SALMON:						
CHINOOK OR KING	300	537	-	-	-	-
SILVER OR COHO.	1,000	1,152	-	-	-	-
SHAD.	-	-	13,500	2,586	-	-
SMELT, SURF OR SILVER . . .	-	-	-	-	300	35
TOTAL	1,300	1,689	13,500	2,586	300	35

SPECIES	LINES					
	TROLL					
	SALMON		TUNA		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, "SOLE", PETRALE .	-	-	-	-	300	71
LINGCOD	-	-	-	-	83,600	15,975
MACKEREL, PACIFIC	-	-	-	-	3,000	308
ROCKFISHES.	-	-	-	-	394,600	64,937
SABLEFISH	-	-	-	-	2,500	803
SALMON:						
CHINOOK OR KING	1,812,700	2,915,242	-	-	-	-
PINK.	5,500	7,469	-	-	-	-
SILVER OR COHO.	8,763,700	10,338,816	-	-	-	-
SHAD.	-	-	-	-	1,100	284
SHARKS, GRAYFISH.	-	-	-	-	300	52
TUNA, ALBACORE.	-	-	1,183,300	538,049	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD .	-	-	-	-	1,900	452
TOTAL	10,581,900	13,261,527	1,183,300	538,049	487,300	82,882

SPECIES	LINES - CONTINUED		WATER PUMP	
	LONG OR SET WITH HOOKS			
	POUNDS	DOLLARS	POUNDS	DOLLARS
HALIBUT	74,000	68,543	-	-
SHARKS, GRAYFISH.	100	60	-	-
SAND SHRIMP	-	-	26,300	16,488
TOTAL	74,100	68,603	26,300	16,488

SPECIES	DREDGES, OYSTER, COMMON		SHOVELS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS: 1/				
COCKLE.	-	-	100	52
HARD:				
BUTTER.	-	-	200	164
LITTLENECK.	-	-	100	273
RAZOR	-	-	47,000	92,775
SOFT, PUBLIC.	-	-	200	458
MIXED	-	-	64,300	11,924
MUSSELS, SEA 2/	-	-	200	60
OYSTERS, MARKET, PACIFIC 3/	172,200	206,640	-	-
TOTAL	172,200	206,640	112,100	105,706

1/ BASED ON A YIELD OF 25 PERCENT MEATS FOR COCKLE, HARD, SOFT, AND MIXED CLAMS, AND 42 PERCENT FOR RAZOR CLAMS.
2/ BASED ON A YIELD OF 25 PERCENT MEATS. 3/ BASED ON A YIELD OF 12 PERCENT MEATS.

PACIFIC COAST FISHERIES

CALIFORNIA

LANDINGS BY DISTRICTS, 1976

SPECIES	NORTHERN		SAN FRANCISCO		MONTEREY	
FISH	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	-	-	975,800	103,934	10,291,900	249,283
BLACKFISH	-	-	62,500	18,749	-	-
BONITO	-	-	100	23	300	58
CABEZONE	-	-	900	121	1,900	313
CARP	-	-	51,700	5,174	-	-
CROAKER, WHITE	500	49	46,900	12,554	87,500	15,289
EELS, COMMON	100	17	-	-	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	181,700	12,685	3,500	246	-	-
CALIFORNIA HALIBUT	200	132	38,200	28,974	36,800	31,254
SANDDABS	520,000	109,125	619,500	131,177	148,400	24,335
"SOLE":						
DOVER	18,223,700	2,444,727	2,736,900	380,528	1,613,200	221,414
ENGLISH	2,066,200	423,023	1,306,100	280,027	436,500	76,928
PETRALE	1,286,100	356,280	994,900	272,958	222,800	57,803
REX	1,410,300	290,960	369,700	78,988	146,000	23,142
ROCK	1,300	255	12,000	2,514	-	-
SAND	91,800	22,786	136,900	33,109	9,200	2,010
UNCLASSIFIED	669,100	82,290	370,500	45,469	118,800	23,596
UNCLASSIFIED	-	-	-	-	7,300	1,974
GRENADIER	91,700	5,037	300	17	-	-
HAKE, PACIFIC	800	46	200	10	8,200	420
HARDHEAD	-	-	370,100	37,006	-	-
HERRING, SEA	25,200	2,575	4,360,200	434,708	434,200	45,481
JACK MACKEREL	9,900	592	1,000	55	108,300	7,231
LINGCOD	1,560,600	227,762	917,600	131,643	162,900	25,662
MACKEREL, PACIFIC	-	-	-	-	4,600	230
MINNOWS (HITCH)	-	-	36,600	10,992	-	-
MUDSUCKER, LONGJAW	-	-	7,100	9,639	-	-
PERCH	142,800	27,660	43,000	23,898	800	314
POMPANO	-	-	-	-	3,600	4,682
ROCKFISHES	9,634,400	1,343,867	2,436,100	408,487	4,832,500	758,343
SABLEFISH	5,227,800	513,641	741,900	74,963	7,115,200	651,268
SALMON:						
CHINOOK OR KING	2,160,400	3,458,863	1,345,800	2,040,414	862,800	1,340,557
SILVER OR COHO	2,677,700	2,922,419	377,000	411,681	146,200	160,122
UNCLASSIFIED	2,000	1,773	2,700	3,641	200	264
SEA BASS, WHITE	-	-	1,000	1,023	4,300	4,131
SHARKS, UNCLASSIFIED	39,700	7,038	128,500	16,939	94,300	11,176
SKATES	46,500	4,447	7,900	481	100,600	7,342
SMELT, SURF OR SILVER	538,200	71,485	47,200	7,429	25,100	5,252
SUCKERS	-	-	9,700	2,914	-	-
SWORDFISH	-	-	500	1,222	3,700	10,752
TUNA:						
ALBACORE	4,919,800	2,243,844	3,271,800	1,501,226	5,498,100	2,473,161
SKIPJACK	-	-	-	-	1,200	323
TURBOT	8,700	1,963	8,300	1,436	300	49
UNCLASSIFIED:						
FOR FOOD	200	51	-	-	2,900	290
FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	1,300	3,104	-	-
TOTAL FISH	51,537,400	14,575,392	21,841,900	6,517,473	32,530,600	6,234,449
SHELLFISH ET AL.						
CRABS, DUNGENESS	15,023,800	9,699,828	685,600	559,208	1,100	956
CRAWFISH, FRESHWATER	-	-	606,700	314,523	-	-
SHRIMP:						
BAY	-	-	99,700	184,801	-	-
BRINE	-	-	545,200	669,823	-	-
OCEAN	3,498,400	681,889	500	79	-	-
UNCLASSIFIED	-	-	-	-	23,400	55,567
ABALONE	-	-	12,600	70,598	300	1,393
CLAMS: 1/						
HARD	-	-	93,000	36,591	-	-
MIXED	100	31	200	102	-	-
MUSSELS, SEA	-	-	1,200	377	-	-
OCTOPUS	73,100	19,249	4,000	1,032	3,800	1,712
OYSTERS, MARKET: 2/						
EASTERN	-	-	5,700	24,704	-	-
PACIFIC	466,600	653,334	241,300	337,889	-	-
SQUID	-	-	-	-	5,022,000	345,715
MOLLUSKS, UNCLASSIFIED	300	35	-	-	-	-
SEA URCHINS	74,900	7,352	19,900	4,158	-	-
FROGS	-	-	2,800	2,986	-	-
SHELLFISH ET AL.	19,137,200	11,061,718	2,318,400	2,206,871	5,050,600	405,343
GRAND TOTAL	70,674,600	25,637,110	24,160,300	8,724,344	37,581,200	6,639,792

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CALIFORNIA - LANDINGS BY DISTRICTS, 1976 - Continued

SPECIES	SANTA BARBARA		SAN PEDRO		SAN DIEGO	
FISH	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	41,226,100	1,128,167	205,685,800	4,366,062	5,333,000	780,065
BARRACUDA	10,600	2,975	137,700	58,240	13,800	5,788
BONITO	145,000	16,647	7,385,500	1,014,068	1,365,900	192,510
CABEZONE	16,200	1,855	-	-	-	-
CROAKER, WHITE	127,900	29,692	242,200	39,104	13,000	2,246
DOLPHINFISH	-	-	400	94	9,500	2,715
EELS						
COMMON	800	83	-	-	-	-
MORAY	100	5	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	406,200	366,493	102,200	77,196	44,900	32,276
SANDDABS	5,700	1,429	100	33	100	53
"SOLE":						
DOVER	181,100	21,222	1,900	288	-	-
ENGLISH	456,700	91,082	17,500	2,664	-	-
PETRALE	471,100	126,598	2,300	582	200	101
REX	78,100	15,913	8,600	1,714	-	-
SAND	11,700	2,753	-	-	-	-
UNCLASSIFIED	46,300	7,752	600	177	1,200	575
FLYING FISH	-	-	98,200	30,920	-	-
GROUPERS	-	-	9,600	4,800	-	-
HAKE, PACIFIC	9,300	320	10,000	501	-	-
HALFMOON	-	-	20,300	5,391	5,900	2,042
JACK MACKEREL	3,973,500	310,246	40,785,500	1,757,326	14,500	4,879
LINGCOD	478,100	73,274	300	55	700	179
MACKEREL, PACIFIC	2,200	525	343,500	17,634	3,300	962
MULLET, BLACK (LISA)	-	-	-	-	3,400	1,487
OPALEYE	-	-	-	-	600	206
PERCH	26,400	11,553	9,500	2,743	9,100	3,218
POMPANO	2,500	1,066	61,400	33,309	700	291
QUEENFISH	100	10	12,800	1,301	-	-
ROCKFISHES	5,843,800	938,109	726,600	208,604	1,044,500	307,940
SABLEFISH	213,500	14,909	6,700	483	26,100	3,762
SALMON:						
CHINOOK OR KING	190,200	340,308	-	-	-	-
SILVER OR COHO	13,300	15,058	-	-	-	-
UNCLASSIFIED	7,200	10,982	600	663	300	443
SARDINE, PACIFIC	-	-	16,200	687	-	-
SCULPIN	100	30	3,100	1,781	170,300	72,132
SEA BASS:						
BLACK, PACIFIC	1,000	433	25,900	11,188	29,400	13,649
WHITE	24,600	21,117	477,700	300,990	551,100	343,507
SHARKS, UNCLASSIFIED	250,500	64,598	206,800	58,074	151,500	47,199
SHEEPHEAD	1,500	328	5,400	1,113	1,600	366
SKATES	6,200	621	-	-	-	-
SMELT, SURF OR SILVER	100	7	28,100	3,223	200	70
SWORDFISH	11,200	32,285	36,200	103,920	32,200	81,934
TUNA:						
ALBACORE	1,733,000	802,448	3,488,100	1,633,414	8,851,800	4,069,860
BIGEYE	-	-	1,781,600	518,495	78,300	23,947
BLUEFIN	-	-	13,607,100	4,106,739	5,182,400	1,509,127
SKIPJACK	200	71	85,683,500	22,624,061	38,774,300	10,601,819
YELLOWFIN	-	-	224,982,600	66,378,625	51,082,100	15,231,177
UNCLASSIFIED	-	-	834,700	83,287	-	-
TURBOT	12,200	1,717	-	-	-	-
WAHOO	-	-	6,200	1,440	6,400	2,271
WHITEFISH, OCEAN	100	27	100	19	700	149
YELLOWTAIL	1,100	267	256,600	52,538	218,200	52,947
UNCLASSIFIED, FOR FOOD	-	-	500	139	-	-
TOTAL FISH	55,985,500	4,452,975	587,110,200	103,503,685	113,021,200	33,391,892
SHELLFISH ET AL.						
CRABS:						
DUNGENESS	16,300	15,288	-	-	-	-
ROCK	578,900	157,410	570,800	159,945	78,000	24,593
UNCLASSIFIED	600	168	40,000	21,128	-	-
LOBSTERS, SPINY	81,400	177,526	92,700	220,877	118,500	264,700
SAND SHRIMP	-	-	4,700	18,677	1,400	5,028
SHRIMP:						
BRINE	-	-	-	-	99,300	195,673
OCEAN	1,900	1,007	-	-	-	-
RED	-	-	1,100	3,823	-	-
UNCLASSIFIED	91,700	128,300	-	-	-	-
ABALONE	212,000	848,048	80,400	343,692	41,300	189,801
CLAMS: 1/						
HARD	-	-	-	-	7,600	9,838
MIXED	-	-	7,000	14,863	3,000	2,077
MOLLUSKS, UNCLASSIFIED	100	308	6,500	2,869	400	116
MUSSELS, SEA	-	-	16,300	7,637	6,200	2,472
OCTOPUS	800	181	-	-	-	-
OYSTERS, MARKET, PACIFIC 2/	2,300	3,282	-	-	-	-
SQUID	3,388,900	74,137	11,858,400	325,099	68,500	6,282
SEA URCHINS	10,472,600	978,417	143,500	13,948	394,600	35,000
TOTAL SHELLFISH ET AL.	14,847,500	2,384,072	12,821,400	1,132,558	818,800	735,580
GRAND TOTAL	70,833,000	6,837,047	599,931,600	104,636,243	113,840,000	34,127,472

1/ BASED ON A YIELD OF 25 PERCENT MEATS. 2/ BASED ON A YIELD OF 10.9 PERCENT MEATS FOR EASTERN OYSTERS AND 15.5 PERCENT MEATS FOR PACIFIC OYSTERS.

CALIFORNIA - LANDINGS BY WATERS, 1976

SPECIES	OFF UNITED STATES		OFF FOREIGN COASTS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ANCHOVIES	263,513	6,629	-	-
BARRACUDA	162	67	(1)	(1)
BLACKFISH	61	19	-	-
BONITO	3,882	520	5,015	703
CABEZONE	19	2	-	-
CARP	52	5	-	-
CROAKER, WHITE	518	99	-	-
DOLPHINFISH	7	2	3	1
EELS:				
COMMON	1	(1)	-	-
MORAY	(1)	(1)	-	-
FLOUNDERS:				
ARROWTOOTH HALIBUT	185	13	-	-
CALIFORNIA HALIBUT	627	536	1	1
SANDDABS	1,294	266	-	-
"SOLE":				
DOVER	22,757	3,068	-	-
ENGLISH	4,283	874	-	-
PETRALE	2,977	815	-	-
REX	2,013	411	-	-
ROCK	13	3	-	-
SAND	249	61	-	-
UNCLASSIFIED	1,206	160	-	-
UNCLASSIFIED	7	2	-	-
FLYING FISH	98	31	-	-
GRENADIER	92	5	-	-
GROUPERS	10	5	-	-
HAKE, PACIFIC	28	1	-	-
HALFMOON	26	8	-	-
HARDHEAD	370	37	-	-
HERRING, SEA	4,820	483	-	-
JACK MACKEREL	44,893	2,080	-	-
LINGCOD	3,120	459	-	-
MACKEREL, PACIFIC	354	19	-	-
MINNOWS (HITCH)	37	11	-	-
MUDSUCKER, LONGJAW	7	10	-	-
MULLET, BLACK (LISA)	3	1	-	-
OPALEYE	1	(1)	-	-
PERCH	231	69	1	(1)
POMPANO	68	39	-	-
QUEENFISH	13	1	-	-
ROCKFISHES	24,484	3,960	34	5
SABLEFISH	13,331	1,259	-	-
SALMON:				
CHINOOK OR KING	4,559	7,180	-	-
SILVER OR COHO	3,214	3,509	-	-
UNCLASSIFIED	13	18	-	-
SARDINE, PACIFIC	16	1	-	-
SCULPIN	34	17	139	57
SEA BASS:				
BLACK, PACIFIC	6	2	50	23
WHITE	199	133	860	538
SHARKS, UNCLASSIFIED	782	179	89	26
SHEEPHEAD	8	2	(1)	(1)
SKATES	161	13	-	-
SMELT	638	87	-	-
SUCKERS	10	3	-	-
SWORDFISH	67	187	17	43
TUNA:				
ALBACORE	18,018	8,219	9,745	4,504
BIGEYE	232	68	1,628	474
BLUEFIN	2,259	708	16,530	4,908
SKIPJACK	1,926	383	122,533	32,843
YELLOWFIN	2,140	633	273,925	80,977
UNCLASSIFIED	835	83	-	-
TURBOT	30	5	-	-
WAHOO	-	-	13	4
WHITEFISH, OCEAN	1	(1)	-	-
YELLOWTAIL	77	24	399	82
UNCLASSIFIED:				
FOR FOOD	3	(1)	-	-
FOR BAIT, REDUCTION, AND ANIMAL FOOD	1	3	-	-
CRABS:				
DUNGENESS	15,727	10,275	-	-
ROCK	1,228	342	-	-
UNCLASSIFIED	8	20	33	1

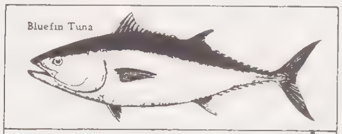
SEE FOOTNOTES AT END OF TABLE.

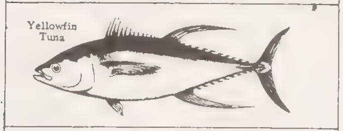
(CONTINUED ON NEXT PAGE)

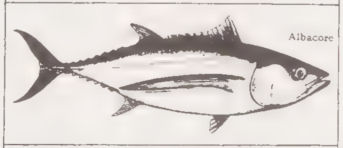
CALIFORNIA - LANDINGS BY WATERS, 1976 - Continued

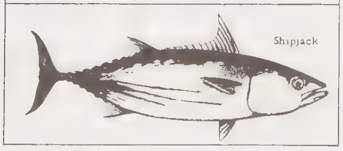
SPECIES	OFF UNITED STATES		OFF FOREIGN COASTS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CRAWFISH	607	315	-	-
LOBSTERS, SPINY	293	663	-	-
SAND SHRIMP	6	24	-	-
SHRIMP:				
BAY	100	185	-	-
BRINE	645	865	-	-
OCEAN	3,501	683	-	-
UNCLASSIFIED	116	188	-	-
ABALONE	347	1,454	-	-
CLAMS: 2/				
HARD	101	46	-	-
MIXED	10	17	-	-
MUSSELS, SEA	24	10	-	-
OCTOPUS	82	22	-	-
OYSTERS, MARKET: 3/				
EASTERN	6	25	-	-
PACIFIC	710	995	-	-
SQUID	20,338	751	-	-
MOLLUSKS, UNCLASSIFIED	7	3	-	-
SEA URCHINS	11,106	1,039	-	-
FROGS	3	3	-	-
TOTAL	486,006	61,412	431,015	125,190

1/ LESS THAN 500 POUNDS OR $500. 2/ BASED ON A YIELD OF 25 PERCENT MEATS. 3/ BASED ON A YIELD OF 10.9 PERCENT MEATS FOR EASTERN OYSTERS AND 15.5 PERCENT MEATS FOR PACIFIC OYSTERS.









PACIFIC COAST FISHERIES

NORTHERN DISTRICT OF CALIFORNIA
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	PURSE SEINES	OTTER TRAWLS		POTS AND TRAPS
			FISH	SHRIMP	CRAB, DUNGENESS
	NUMBER				
FISHERMEN:					
ON VESSELS	-	18	471	60	402
ON BOATS AND SHORE, FULL-TIME	9	6	360	-	130
TOTAL	9	24	831	60	532
VESSELS, MOTOR	-	2	157	20	201
GROSS TONNAGE	-	18	6,124	998	5,199
BOATS:					
MOTOR	3	2	120	-	65
OTHER	3	4	-	-	-
GEAR	3	4	277	20	34,580

ITEM	POTS AND TRAPS - CONTD.	GILL NETS, ANCHOR, SET, OR STAKE	LINES			
			HAND			TROLL
	FISH		ALBACORE	ROCKFISH	OTHER	SALMON
	NUMBER					
FISHERMEN:						
ON VESSELS	22	3	27	-	780	1,498
ON BOATS AND SHORE, FULL-TIME	4	-	-	2	1,038	2,158
TOTAL	26	3	27	2	1,818	3,656
VESSELS, MOTOR	22	1	3	-	260	749
GROSS TONNAGE	579	46	270	-	5,907	14,599
BOATS, MOTOR	4	-	-	1	346	1,079
GEAR	1,690	4	27	5	4,242	9,140

ITEM	LINES - CONTINUED			BRAIL OR SCOOP NETS
	TROLL - CONTINUED		LONG OR SET WITH HOOKS	
	TUNA	OTHER		
	NUMBER			
FISHERMEN:				
ON VESSELS	788	1,449	10	8
ON BOATS AND SHORE, FULL-TIME	184	2,094	2	16
TOTAL	972	3,543	12	24
VESSELS, MOTOR	394	483	5	1
GROSS TONNAGE	10,633	8,704	165	13
BOATS, MOTOR	92	698	1	2
GEAR	3,888	10,629	120	9

ITEM	DREDGES, OYSTER, COMMON	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN:				
ON VESSELS	-	-	-	3,029
ON BOATS AND SHORE, FULL-TIME	1	2	1	3,543
TOTAL	1	2	1	6,572
VESSELS, MOTOR	-	-	-	1,121
GROSS TONNAGE	-	-	-	27,972
BOATS:				
MOTOR	1	1	1	1,296
OTHER	-	-	-	7
GEAR	1	1	-	-

NORTHERN DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		PURSE SEINES		OTTER TRAWLS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CROAKER, WHITE	-	-	-	-	500	49
FLOUNDERS:						
ARROWTOOTH HALIBUT	-	-	-	-	181,700	12,685
CALIFORNIA HALIBUT	-	-	-	-	100	32
SANDDABS	-	-	-	-	520,000	109,125
"SOLE":						
DOVER	-	-	-	-	18,223,700	2,444,727
ENGLISH	-	-	-	-	2,066,200	423,023
PETRALE	-	-	-	-	1,286,100	356,280
REX	-	-	-	-	1,410,300	290,960
ROCK	-	-	-	-	1,300	255
SAND	-	-	-	-	91,800	22,786
UNCLASSIFIED	-	-	-	-	669,100	82,290
GRENADIER	-	-	-	-	91,700	5,037
HAKE, PACIFIC	-	-	-	-	800	46
HERRING, SEA	-	-	25,200	2,575	-	-
JACK MACKEREL	-	-	-	-	9,900	592
LINGCOD	-	-	-	-	1,406,700	194,969
PERCH	-	-	-	-	127,900	22,861
ROCKFISHES	-	-	-	-	9,231,800	1,275,474
SABLEFISH	-	-	-	-	4,609,600	395,835
SHARKS, UNCLASSIFIED	-	-	-	-	39,300	6,966
SKATES	-	-	-	-	46,500	4,447
SMELT, SURF	525,100	68,993	100	7	-	-
TURBOT	-	-	-	-	8,700	1,963
CRABS, DUNGENESS	-	-	-	-	8,100	5,233
SHRIMP, OCEAN	-	-	-	-	3,498,400	681,889
OCTOPUS	-	-	-	-	72,200	19,042
MOLLUSKS, UNCLASSIFIED	-	-	-	-	300	35
TOTAL	525,100	68,993	25,300	2,582	43,602,700	6,356,601

SPECIES	POTS AND TRAPS				GILL NETS	
	CRAB, DUNGENESS		FISH			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
FLOUNDERS, CALIFORNIA HALIBUT	-	-	-	-	100	100
LINGCOD	-	-	1,500	329	-	-
SABLEFISH	-	-	211,100	36,464	-	-
CRABS, DUNGENESS	15,012,500	9,692,519	-	-	-	-
OCTOPUS	-	-	900	207	-	-
TOTAL	15,012,500	9,692,519	213,500	37,000	100	100

SPECIES	LINES		BRAIL OR SCOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
EELS, COMMON	100	17	-	-
LINGCOD	152,400	32,464	-	-
PERCH	14,900	4,799	-	-
ROCKFISHES	402,600	68,393	-	-
SABLEFISH	407,100	81,342	-	-
SALMON:				
CHINOOK OR KING	2,160,400	3,458,863	-	-
SILVER OR COHO	2,677,700	2,922,419	-	-
UNCLASSIFIED	2,000	1,773	-	-
SHARKS, UNCLASSIFIED	400	72	-	-
SMELT, SURF	600	119	12,400	2,366
TUNA, ALBACORE	4,919,800	2,243,844	-	-
UNCLASSIFIED, FOR FOOD	200	51	-	-
CRABS, DUNGENESS	3,200	2,076	-	-
TOTAL	10,741,400	8,816,232	12,400	2,366

SPECIES	DREDGES, OYSTER, COMMON		DIVING OUTFITS		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CLAMS, MIXED 1/	-	-	-	-	100	31
OYSTERS, MARKET, PACIFIC 2/	466,600	653,334	-	-	-	-
SEA URCHINS	-	-	74,900	7,352	-	-
TOTAL	466,600	653,334	74,900	7,352	100	31

1/ BASED ON A YIELD OF 25 PERCENT MEATS. 2/ BASED ON A YIELD OF 15.5 PERCENT MEATS.

PACIFIC COAST FISHERIES

SAN FRANCISCO DISTRICT OF CALIFORNIA
OPERATING UNITS BY GEAR, 1976

ITEM	HAUL SEINES, COMMON	PURSE SEINES				LAMPARA NETS
		ANCHOVY	MACKEREL	TUNA	OTHER	
	NUMBER					
FISHERMEN:						
ON VESSELS	-	20	9	11	69	119
ON BOATS AND SHORE, FULL-TIME	9	-	-	22	27	7
TOTAL	9	20	9	33	96	126
VESSELS, MOTOR	-	2	1	1	23	17
GROSS TONNAGE	-	50	12	9	719	390
BOATS:						
MOTOR	3	-	-	2	9	1
OTHER	3	2	1	6	32	-
GEAR	3	2	1	3	32	18

ITEM	OTTER TRAWLS		POTS AND TRAPS			GILL NETS
	FISH	SHRIMP	CRAB, DUNGENESS	CRAWFISH	FISH	ANCHOR, SET, OR STAKE
	NUMBER					
FISHERMEN:						
ON VESSELS	375	6	148	-	10	21
ON BOATS AND SHORE, FULL-TIME	225	-	32	100	11	21
TOTAL	600	6	180	100	21	42
VESSELS, MOTOR	125	2	74	-	10	7
GROSS TONNAGE	3,008	61	1,644	-	246	151
BOATS, MOTOR	75	-	16	50	11	7
GEAR	200	2	11,700	5,000	1,365	56

ITEM	GILL NETS - CONTINUED	TRAMMEL NETS	LINES			
			HAND			TROLL
	DRIFT		ALBACORE	ROCKFISH	OTHER	SALMON
	NUMBER					
FISHERMEN:						
ON VESSELS	90	3	54	-	804	886
ON BOATS AND SHORE, FULL-TIME	60	3	-	2	831	634
TOTAL	150	6	54	2	1,635	1,520
VESSELS, MOTOR	30	1	6	-	268	443
GROSS TONNAGE	414	11	426	-	4,867	8,846
BOATS, MOTOR	20	1	-	1	277	317
GEAR	200	2	54	5	3,815	3,800

ITEM	LINES - CONTINUED			BRAIL OR SCOOP NETS	DIVING OUTFITS
	TROLL - CONTINUED		LONG OR SET WITH HOOKS		
	TUNA	OTHER			ABALONE
	NUMBER				
FISHERMEN:					
ON VESSELS	612	450	18	8	4
ON BOATS AND SHORE, FULL-TIME	38	216	32	40	32
TOTAL	650	666	50	48	36
VESSELS, MOTOR	306	150	9	1	2
GROSS TONNAGE	8,561	3,003	239	11	19
BOATS, MOTOR	19	72	16	5	16
GEAR	2,600	1,998	500	18	18

ITEM	DIVING OUTFITS - CONTINUED	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OTHER		
	NUMBER		
FISHERMEN:			
ON VESSELS	4	-	2,263
ON BOATS AND SHORE, FULL-TIME	12	5	1,652
TOTAL	16	5	3,915
VESSELS, MOTOR	2	-	836
GROSS TONNAGE	24	-	19,594
BOATS:			
MOTOR	6	5	628
OTHER	-	-	30
GEAR	8	-	-

SAN FRANCISCO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1976

SPECIES	HAUL SEINES, COMMON		PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	-	-	975,800	103,934	-	-
BLACKFISH	62,500	18,749	-	-	-	-
BONITO	-	-	100	23	-	-
CARP	51,700	5,174	-	-	-	-
CROAKER, WHITE	-	-	5,700	2,664	20,600	2,970
FLOUNDERS:						
ARROWTOOTH HALIBUT	-	-	-	-	3,500	246
CALIFORNIA HALIBUT	-	-	-	-	13,100	7,921
SANDDABS	-	-	-	-	619,200	131,107
"SOLE":						
DOVER	-	-	-	-	2,736,900	380,528
ENGLISH	-	-	-	-	1,306,100	280,027
PETRALE	-	-	-	-	994,900	272,958
REX	-	-	-	-	369,700	78,988
ROCK	-	-	-	-	12,000	2,514
SAND	-	-	-	-	136,900	33,109
UNCLASSIFIED	-	-	-	-	369,500	45,257
GRENADIER	-	-	-	-	300	17
HARDHEAD	370,100	37,006	-	-	-	-
HERRING, SEA	-	-	3,516,200	311,947	-	-
JACK MACKEREL	-	-	-	-	1,000	55
LINGCOD	-	-	-	-	878,800	121,760
MINNOWS (HITCH)	36,600	10,992	-	-	-	-
PERCH	-	-	4,700	2,435	1,400	894
ROCKFISHES	-	-	-	-	2,258,200	334,331
SABLEFISH	-	-	-	-	643,200	51,189
SHARKS, UNCLASSIFIED	-	-	-	-	84,500	10,463
SKATES	-	-	-	-	7,800	479
SMELT, SURF OR SILVER	43,500	6,389	2,300	914	-	-
SUCKERS	9,700	2,914	-	-	-	-
TURBOT	-	-	-	-	8,300	1,436
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	1,300	3,104
CRABS, DUNGENESS	-	-	-	-	8,900	6,359
SHRIMP:						
BAY	-	-	-	-	99,700	184,801
BRINE	-	-	-	-	103,000	6,180
OCEAN	-	-	-	-	500	79
OCTOPUS	-	-	-	-	4,000	1,032
TOTAL	574,100	81,224	4,504,800	421,917	10,683,300	1,957,804

SPECIES	POTS AND TRAPS			
	CRAB, DUNGENESS		CRAWFISH	
	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, DUNGENESS	672,600	549,693	-	-
CRAWFISH, FRESHWATER	-	-	384,400	200,331
TOTAL	672,600	549,693	384,400	200,331

SPECIES	POTS AND TRAPS - CONTD.		GILL AND TRAMMEL NETS		LINES	
	FISH					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CABEZONE	-	-	800	83	100	38
CROAKER, WHITE	-	-	-	-	20,600	6,920
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	23,900	19,750	1,200	1,303
SANDDABS	-	-	-	-	300	70
"SOLE", UNCLASSIFIED	-	-	500	139	500	73
HAKE, PACIFIC	-	-	-	-	200	10
HERRING, SEA	-	-	836,500	113,790	-	-
LINGCOD	-	-	500	84	38,300	9,799
MUDSUCKER, LONGJAW	7,100	9,639	-	-	-	-
PERCH	-	-	-	-	36,900	20,569
ROCKFISHES	3,400	923	2,200	524	172,300	72,709
SABLEFISH	53,800	13,425	-	-	44,900	10,349
SALMON:						
CHINOOK OR KING	-	-	-	-	1,345,800	2,040,414
SILVER OR COHO	-	-	-	-	377,000	411,681
UNCLASSIFIED	-	-	-	-	2,700	3,641
SEA BASS, WHITE	-	-	1,000	1,023	-	-
SHARKS, UNCLASSIFIED	-	-	35,700	5,243	8,300	1,233
SKATES	-	-	-	-	100	2
SMELT, SURF OR SILVER	-	-	1,400	126	-	-
SWORDFISH	-	-	-	-	500	1,222
TUNA, ALBACORE	-	-	-	-	3,271,800	1,501,226
CRABS, DUNGENESS	-	-	-	-	4,100	3,156
CRAWFISH, FRESHWATER	221,800	113,670	-	-	500	522
FROGS	300	310	-	-	-	-
TOTAL	286,400	137,967	902,500	140,762	5,326,100	4,084,937

(CONTINUED ON NEXT PAGE)

SAN FRANCISCO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	BRAIL OR SCOOP NETS		DIVING OUTFITS	
			ABALONE	
	POUNDS	DOLLARS	POUNDS	DOLLARS
SHRIMP, BRINE	442,200	663,643	-	-
ABALONE	-	-	12,600	70,598
TOTAL	442,200	663,643	12,600	70,598

SPECIES	DIVING OUTFITS - CONTINUED		BY HAND	
	OTHER			
	POUNDS	DOLLARS	POUNDS	DOLLARS
HERRING, SEA	7,500	8,971	-	-
CLAMS: 1/				
HARD, PUBLIC	-	-	93,000	36,591
MIXED	-	-	200	102
MUSSELS, SEA	-	-	1,200	377
OYSTERS, MARKET: 2/				
EASTERN	-	-	5,700	24,704
PACIFIC	-	-	241,300	337,889
SEA URCHINS	19,900	4,158	-	-
FROGS	-	-	2,500	2,676
TOTAL	27,400	13,129	343,900	402,339

1/ BASED ON A YIELD OF 25 PERCENT MEATS. 2/ BASED ON A YIELD OF 10.9 PERCENT MEATS FOR EASTERN OYSTERS AND 15.5 PERCENT MEATS FOR PACIFIC OYSTERS.

MONTEREY DISTRICT OF CALIFORNIA
OPERATING UNITS BY GEAR, 1976

ITEM	PURSE SEINES		LAMPARA NETS		
	ANCHOVY	OTHER	MACKEREL	SQUID	OTHER
	NUMBER				
FISHERMEN:					
ON VESSELS	22	45	55	136	70
ON BOATS AND SHORE, FULL-TIME	6	33	-	32	49
TOTAL	28	78	55	168	119
VESSELS, MOTOR	2	15	5	17	10
GROSS TONNAGE	70	550	81	455	163
BOATS:					
MOTOR	2	11	-	4	7
OTHER	6	26	-	-	-
GEAR	4	26	5	21	17

ITEM	OTTER TRAWLS		POTS AND TRAPS			GILL NETS
	FISH	SHRIMP	CRAB, DUNGENESS	FISH	SHRIMP	ANCHOR, SET, OR STAKE
	NUMBER					
FISHERMEN:						
ON VESSELS	57	6	2	16	8	3
ON BOATS AND SHORE, FULL-TIME	18	-	-	1	-	-
TOTAL	75	6	2	17	8	3
VESSELS, MOTOR	19	2	1	16	4	1
GROSS TONNAGE	909	42	29	296	32	8
BOATS, MOTOR	6	-	-	1	-	-
GEAR	25	2	130	1,105	148	4

(CONTINUED ON NEXT PAGE)

MONTEREY DISTRICT OF CALIFORNIA
OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	GILL NETS - CONTINUED	TRAMMEL NETS	LINES				
			HAND			TROLL
	DRIFT		ALBACORE	ROCKFISH	OTHER	SALMON
	NUMBER					
FISHERMEN:						
ON VESSELS	30	18	18	4	387	518
ON BOATS AND SHORE, FULL-TIME	27	39	9	76	765	954
TOTAL	57	57	27	80	1,152	1,472
VESSELS, MOTOR	10	6	2	2	129	259
GROSS TONNAGE	159	79	22	23	2,936	4,784
BOATS, MOTOR	9	13	1	38	255	477
GEAR	76	19	27	200	2,688	3,680

ITEM	LINES - CONTINUED			BRAIL OR SCOOP NETS
	TROLL - CONTINUED		LONG OR SET WITH HOOKS	
	TUNA	OTHER		
	NUMBER			
FISHERMEN:				
ON VESSELS	882	291	18	-
ON BOATS AND SHORE, FULL-TIME	258	480	66	8
TOTAL	1,140	771	84	8
VESSELS, MOTOR	441	97	9	-
GROSS TONNAGE	11,267	1,490	111	-
BOATS, MOTOR	129	160	33	1
GEAR	4,560	2,313	840	3

ITEM	HARPOONS, SWORDFISH	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER		
FISHERMEN:			
ON VESSELS	6	-	1,572
ON BOATS AND SHORE, FULL-TIME	-	4	1,609
TOTAL	6	4	3,181
VESSELS, MOTOR	3	-	605
GROSS TONNAGE	163	-	15,294
BOATS:			
MOTOR	-	2	607
OTHER	-	-	19
GEAR	3	2	-

MONTEREY DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1976

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
					CRAB, DUNGENESS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	10,291,900	249,283	-	-	-	-
BONITO	100	15	-	-	-	-
CROAKER, WHITE	21,900	4,159	13,700	1,191	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	700	652	4,100	2,948	-	-
SANDDABS	-	-	140,900	22,471	-	-
"SOLE":						
DOVER	-	-	1,613,200	221,414	-	-
ENGLISH	-	-	436,500	76,928	-	-
PETRALE	-	-	222,600	57,746	-	-
REX	-	-	146,000	23,142	-	-
SAND	-	-	9,200	2,010	-	-
UNCLASSIFIED	1,500	355	26,700	3,676	-	-
HAKE, PACIFIC	-	-	8,200	420	-	-
HERRING, SEA	434,200	45,481	-	-	-	-
JACK MACKEREL	99,500	6,902	8,800	329	-	-
LINGCOD	-	-	121,600	17,491	-	-
MACKEREL, PACIFIC	4,600	230	-	-	-	-
PERCH	-	-	100	36	-	-
POMPANO	3,200	4,310	-	-	-	-

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

MONTEREY DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
					CRAB, DUNGENESS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ROCKFISHES	-	-	3,672,100	516,484	-	-
SABLEFISH	-	-	842,700	55,714	-	-
SEA BASS, WHITE	100	70	100	60	-	-
SHARKS, UNCLASSIFIED	800	91	39,900	4,325	-	-
SKATES	1,000	62	65,600	5,306	-	-
SMELT, SURF OR SILVER	6,000	1,304	-	-	-	-
TURBOT	-	-	300	49	-	-
UNCLASSIFIED, FOR FOOD	-	-	400	42	-	-
CRABS, DUNGENESS	-	-	-	-	1,100	956
OCTOPUS	-	-	100	31	-	-
SQUID	4,991,100	343,533	-	-	-	-
TOTAL	15,856,600	656,447	7,372,800	1,011,813	1,100	956

SPECIES	POTS AND TRAPS - CONTINUED				GILL AND TRAMMEL NETS	
	FISH		SHRIMP			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CABEZONE	-	-	-	-	1,300	215
CROAKER, WHITE	-	-	-	-	48,800	9,270
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	-	-	31,200	26,900
SANDDABS	-	-	-	-	200	46
"SOLE", UNCLASSIFIED	-	-	-	-	90,600	19,565
LINGCOD	-	-	-	-	14,400	2,476
PERCH	-	-	-	-	200	69
POMPANO	-	-	-	-	100	61
ROCKFISHES	-	-	-	-	695,000	101,142
SABLEFISH	6,254,100	593,535	-	-	-	-
SEA BASS, WHITE	-	-	-	-	3,800	3,696
SHARKS, UNCLASSIFIED	-	-	-	-	51,000	6,415
SKATES	-	-	-	-	27,600	1,640
SMELT, SURF OR SILVER	-	-	-	-	500	61
TUNA, ALBACORE	1,400	634	-	-	-	-
SHRIMP, UNCLASSIFIED	-	-	23,400	55,567	-	-
OCTOPUS	2,600	1,259	-	-	-	-
TOTAL	6,258,100	595,428	23,400	55,567	964,700	171,556

SPECIES	LINES		BRAIL OR SCOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
BONITO	200	43	-	-
CABEZONE	600	98	-	-
CROAKER, WHITE	3,100	669	-	-
FLOUNDERS:				
CALIFORNIA HALIBUT	800	754	-	-
SANDDABS	7,300	1,818	-	-
"SOLE", PETRALE	200	57	-	-
UNCLASSIFIED	7,300	1,974	-	-
LINGCOD	26,900	5,695	-	-
PERCH	500	209	-	-
POMPANO	300	311	-	-
ROCKFISHES	465,400	140,717	-	-
SABLEFISH	18,400	2,019	-	-
SALMON:				
CHINOOK OR KING	862,800	1,340,557	-	-
SILVER OR COHO	146,200	160,122	-	-
UNCLASSIFIED	200	264	-	-
SEA BASS, WHITE	300	305	-	-
SHARKS, UNCLASSIFIED	2,600	345	-	-
SKATES	6,400	334	-	-
SMELT, SURF OR SILVER	400	68	18,200	3,819
SWORDFISH	2,800	8,484	-	-
TUNA:				
ALBACORE	5,496,700	2,472,527	-	-
SKIPJACK	1,200	323	-	-
UNCLASSIFIED, FOR FOOD	2,500	248	-	-
OCTOPUS	1,100	422	-	-
SQUID	200	25	30,700	2,157
TOTAL	7,054,400	4,138,388	48,900	5,976

SPECIES	HARPOONS, SWORDFISH		DIVING OUTFITS, ABALONE	
	POUNDS	DOLLARS	POUNDS	DOLLARS
SWORDFISH	900	2,268	-	-
ABALONE	-	-	300	1,393
TOTAL	900	2,268	300	1,393

SANTA BARBARA DISTRICT OF CALIFORNIA
OPERATING UNITS BY GEAR, 1976

ITEM	PURSE SEINES				LAMPARA NETS
	ANCHOVY	MACKEREL	TUNA	OTHER	MACKEREL
	NUMBER				
FISHERMEN:					
ON VESSELS	30	36	154	114	11
ON BOATS AND SHORE, FULL-TIME	-	9	22	21	-
TOTAL	30	45	176	135	11
VESSELS, MOTOR	3	4	14	38	1
GROSS TONNAGE	292	396	670	1,593	13
BOATS:					
MOTOR	-	1	2	7	-
OTHER	3	5	32	45	-
GEAR	3	5	16	45	1

ITEM	LAMPARA NETS - CONTINUED		OTTER TRAWLS		POTS AND TRAPS
	SQUID	OTHER	FISH	SHRIMP	CRAB, DUNGENESS
	NUMBER				
FISHERMEN:					
ON VESSELS	16	14	177	45	37
ON BOATS AND SHORE, FULL-TIME	-	-	90	-	75
TOTAL	16	14	267	45	112
VESSELS, MOTOR	2	2	59	15	23
GROSS TONNAGE	160	38	2,106	779	367
BOATS, MOTOR	-	-	30	-	49
GEAR	2	2	89	15	7,280

ITEM	POTS AND TRAPS - CONTD.	GILL NETS				TRAMMEL NETS
		ANCHOR, SET, OR STAKE	DRIFT			
	LOBSTER, SPINY		BARRACUDA	SEA BASS	OTHER	
	NUMBER					
FISHERMEN:						
ON VESSELS	10	51	15	21	90	15
ON BOATS AND SHORE, FULL-TIME	14	36	-	3	93	9
TOTAL	24	87	15	24	183	24
VESSELS, MOTOR	5	17	5	7	30	5
GROSS TONNAGE	60	221	75	94	377	50
BOATS, MOTOR	7	12	-	1	31	3
GEAR	1,200	116	20	32	244	8

ITEM	LINES					
	HAND			TROLL		
	ALBACORE	ROCKFISH	OTHER	SALMON	TUNA	OTHER
	NUMBER					
FISHERMEN:						
ON VESSELS	45	-	402	158	314	165
ON BOATS AND SHORE, FULL-TIME	-	6	675	346	184	303
TOTAL	45	6	1,077	504	498	468
VESSELS, MOTOR	5	-	134	79	157	55
GROSS TONNAGE	178	-	3,157	1,566	4,401	888
BOATS, MOTOR	-	3	225	173	92	101
GEAR	45	15	2,513	1,260	1,992	1,404

ITEM	LINES - CONTINUED	BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	DIVING OUTFITS		BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS			ABALONE	OTHER		
	NUMBER						
FISHERMEN:							
ON VESSELS	6	64	22	34	52	-	1,212
ON BOATS AND SHORE, FULL-TIME	4	-	4	220	140	1	1,187
TOTAL	10	64	26	254	192	1	2,399
VESSELS, MOTOR	3	8	11	17	26	-	374
GROSS TONNAGE	182	431	409	520	376	-	11,305
BOATS:							
MOTOR	2	-	2	110	70	1	450
OTHER	-	-	-	-	-	-	61
GEAR	100	24	13	127	96	-	-

PACIFIC COAST FISHERIES

SANTA BARBARA DISTRICT OF CALIFORNIA

LANDINGS OF CATCH BY GEAR, 1976

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
					CRAB, DUNGENESS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	41,226,100	1,128,167	-	-	-	-
BONITO	142,800	16,309	-	-	-	-
CABEZONE	-	-	4,800	483	-	-
CROAKER, WHITE	20,800	3,929	2,500	420	-	-
EELS:						
COMMON	-	-	700	72	-	-
MORAY	-	-	100	5	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	100	115	153,600	134,768	-	-
SANDDABS	-	-	5,700	1,429	-	-
"SOLE":						
DOVER	-	-	181,100	21,222	-	-
ENGLISH	-	-	456,700	91,082	-	-
PETRALE	-	-	471,100	126,598	-	-
REX	-	-	78,100	15,913	-	-
SAND	-	-	11,700	2,753	-	-
UNCLASSIFIED	-	-	34,600	5,345	-	-
HAKE, PACIFIC	-	-	9,300	320	-	-
JACK MACKEREL	3,973,500	310,246	-	-	-	-
LINGCOD	-	-	435,300	64,761	-	-
PERCH	-	-	20,000	9,114	-	-
POMPANO	1,900	762	100	21	-	-
ROCKFISHES	-	-	4,890,700	695,991	-	-
SABLEFISH	-	-	213,500	14,909	-	-
SALMON, CHINOOK OR KING	-	-	100	83	-	-
SHARKS, UNCLASSIFIED	-	-	50,000	9,993	-	-
SKATES	-	-	5,900	580	-	-
TUNA:						
ALBACORE	500	250	-	-	-	-
SKIPJACK	100	37	-	-	-	-
TURBOT	-	-	12,200	1,717	-	-
CRABS:						
DUNGENESS	-	-	4,200	4,072	11,900	11,064
ROCK	-	-	1,200	323	514,500	135,619
UNCLASSIFIED	-	-	600	168	-	-
SHRIMP:						
OCEAN	-	-	1,900	1,007	-	-
UNCLASSIFIED	-	-	91,700	128,300	-	-
OCTOPUS	-	-	800	181	-	-
SQUID	3,207,400	66,653	1,900	309	-	-
TOTAL	48,573,200	1,526,468	7,140,100	1,331,939	526,400	146,683

SPECIES	POTS AND TRAPS - CONTD.		GILL AND TRAMMEL NETS		LINES	
	LOBSTER, SPINY					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BARRACUDA	-	-	1,700	750	8,900	2,225
BONITO	-	-	1,900	273	300	65
CABEZONE	200	20	9,700	1,189	1,500	163
CROAKER, WHITE	-	-	12,500	1,875	92,100	23,468
EELS, COMMON	100	11	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	247,200	226,481	5,300	5,129
"SOLE", UNCLASSIFIED	-	-	10,500	2,151	-	-
UNCLASSIFIED	-	-	-	-	1,200	256
LINGCOD	-	-	-	-	42,800	8,513
MACKEREL, PACIFIC	-	-	-	-	2,200	525
PERCH	-	-	-	-	6,400	2,439
POMPANO	-	-	-	-	500	283
ROCKFISHES	2,800	814	1,100	221	949,200	241,083
SALMON:						
CHINOOK OR KING	-	-	-	-	190,100	340,225
SILVER OR COHO	-	-	-	-	13,300	15,058
UNCLASSIFIED	-	-	-	-	7,200	10,982
SCULPIN	100	30	-	-	-	-
SEA BASS:						
BLACK, PACIFIC	-	-	1,000	433	-	-
WHITE	-	-	24,400	20,937	200	180
SHARKS, UNCLASSIFIED	-	-	175,200	49,236	25,300	5,369
SHEEPSHEAD, SALTWATER	100	14	1,400	314	-	-
SKATES	-	-	-	-	300	41
SMELT, SURF OR SILVER	-	-	-	-	100	7
SWORDFISH	-	-	-	-	300	855
TUNA:						
ALBACORE	-	-	-	-	1,732,500	802,198
SKIPJACK	-	-	-	-	100	34
WHITEFISH, OCEAN	-	-	-	-	100	27
YELLOWTAIL	-	-	200	36	900	231
UNCLASSIFIED, FOR FOOD	-	-	-	-	100	10

(CONTINUED ON NEXT PAGE)

SANTA BARBARA DISTRICT OF CALIFORNIA LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POTS AND TRAPS - CONTD. LOBSTER, SPINY		GILL AND TRAMMEL NETS		LINES	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS:						
DUNGENESS	-	-	-	-	200	152
ROCK	56,800	20,402	5,200	709	1,200	357
LOBSTERS, SPINY	81,400	177,526	-	-	-	-
SQUID	-	-	-	-	10,000	400
TOTAL	141,500	198,817	492,000	304,605	3,092,300	1,460,275

SPECIES	BRAIL OR SCOOP NETS		HARPOONS, SWORDFISH		DIVING OUTFITS ABALONE	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SWORDFISH	-	-	10,900	31,430	-	-
ABALONE	-	-	-	-	212,000	848,048
SQUID	169,600	6,775	-	-	-	-
MOLLUSKS, UNCLASSIFIED	-	-	-	-	100	308
TOTAL	169,600	6,775	10,900	31,430	212,100	848,356

SPECIES	DIVING OUTFITS - CONTINUED OTHER		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
OYSTERS, MARKET, PACIFIC 1/	-	-	2,300	3,282
SEA URCHINS	10,472,600	978,417	-	-
TOTAL	10,472,600	978,417	2,300	3,282

1/ BASED ON A YIELD OF 15.5 PERCENT MEATS FOR PACIFIC OYSTERS.

SAN PEDRO DISTRICT OF CALIFORNIA OPERATING UNITS BY GEAR, 1976

ITEM	PURSE SEINES			LAMPARA NETS		
	MACKEREL	TUNA	OTHER	MACKEREL	SQUID	TUNA
	NUMBER					
FISHERMEN:						
ON VESSELS	333	1,507	222	121	48	40
ON BOATS AND SHORE, FULL-TIME	27	110	30	-	-	8
TOTAL	360	1,617	252	121	48	48
VESSELS, MOTOR	37	137	74	11	6	5
GROSS TONNAGE	2,918	74,881	8,820	375	169	140
BOATS:						
MOTOR	3	10	10	-	-	1
OTHER	40	294	84	-	-	-
GEAR	40	147	84	11	6	6

ITEM	LAMPARA NETS - CONTD. OTHER	OTTER TRAWLS, FISH	POTS AND TRAPS				GILL NETS ANCHOR, SET, OR STAKE
			CRAB, DUNGENESS	FISH	LOBSTER, SPINY	SHRIMP	
	NUMBER						
FISHERMEN:							
ON VESSELS	77	48	16	6	26	-	21
ON BOATS AND SHORE, FULL-TIME	7	27	42	21	72	4	21
TOTAL	84	75	58	27	98	4	42
VESSELS, MOTOR	11	16	8	6	13	-	7
GROSS TONNAGE	419	438	93	120	189	-	178
BOATS, MOTOR	1	9	21	21	36	2	7
GEAR	12	25	3,770	1,755	4,900	35	56

(CONTINUED ON NEXT PAGE)

SAN PEDRO DISTRICT OF CALIFORNIA
OPERATING UNITS BY GEAR, 1976 - Continued

ITEM	GILL NETS - CONTINUED			TRAMMEL NETS	LINES	
	DRIFT - CONTINUED				HAND	
	BARRACUDA	SEA BASS	OTHER		ALBACORE	ROCKFISH
	NUMBER					
FISHERMEN:						
ON VESSELS	36	36	141	6	396	6
ON BOATS AND SHORE, FULL-TIME	27	6	54	3	-	8
TOTAL	63	42	195	9	396	14
VESSELS, MOTOR	12	12	47	2	44	3
GROSS TONNAGE	193	276	993	24	3,033	53
BOATS, MOTOR	9	2	18	1	-	4
GEAR	84	56	260	3	396	35

ITEM	LINES - CONTINUED				
	HAND		TROLL		LONG OR SET WITH HOOKS
	YELLOWFIN	OTHER	TUNA	OTHER	
	NUMBER				
FISHERMEN:					
ON VESSELS	180	426	242	3	34
ON BOATS AND SHORE, FULL-TIME	-	222	8	-	22
TOTAL	180	648	250	3	56
VESSELS, MOTOR	20	142	121	1	17
GROSS TONNAGE	2,630	7,203	3,971	31	389
BOATS, MOTOR	-	74	4	-	11
GEAR	180	1,512	1,000	9	560

ITEM	BRAIL OR SCOOP NETS	HARPOONS		DIVING OUTFITS
		SWORDFISH	OTHER	ABALONE
	NUMBER			
FISHERMEN:				
ON VESSELS	308	86	6	24
ON BOATS AND SHORE, FULL-TIME	8	14	2	106
TOTAL	316	100	8	130
VESSELS, MOTOR	41	43	3	12
GROSS TONNAGE	1,913	1,155	123	151
BOATS, MOTOR	1	7	1	53
GEAR	126	50	4	65

ITEM	DIVING OUTFITS - CONTD.	WATER PUMP	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OTHER			
	NUMBER			
FISHERMEN:				
ON VESSELS	4	-	-	2,922
ON BOATS AND SHORE, FULL-TIME	12	1	12	605
TOTAL	16	1	12	3,257
VESSELS, MOTOR	2	-	-	464
GROSS TONNAGE	45	-	-	87,126
BOATS:				
MOTOR	6	-	6	207
OTHER	-	-	-	301
GEAR	8	1	-	-

SAN PEDRO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1976

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS	
	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	205,685,800	4,366,062	-	-
BONITO	7,310,300	1,003,820	-	-
CROAKER, WHITE	125,300	15,773	-	-
DOLPHINFISH	300	62	-	-
FLOUNDERS:				
CALIFORNIA HALIBUT	-	-	400	298
"SOLE":				
DOVER	-	-	1,900	288
ENGLISH	-	-	17,500	2,664
PETRALE	-	-	2,300	582
REX	-	-	8,600	1,714
UNCLASSIFIED	-	-	100	29
HAKE, PACIFIC	-	-	10,000	501
HALFMOON	13,700	2,808	-	-
JACK MACKEREL	40,783,000	1,757,041	-	-
LINGCOD	-	-	300	55
MACKEREL, PACIFIC	343,300	17,607	-	-
PERCH	700	109	1,200	513
POMPANO	59,500	32,205	-	-
QUEENFISH	12,600	1,271	-	-
ROCKFISHES	-	-	189,200	49,386
SABLEFISH	-	-	5,800	347
SARDINE, PACIFIC	16,200	687	-	-
SCULPIN	-	-	100	71
SEA BASS, BLACK, PACIFIC	300	75	-	-
SHARKS, UNCLASSIFIED	12,500	3,063	4,000	863
SMELT, SURF OR SILVER	27,600	3,168	-	-
TUNA:				
ALBACORE	249,800	115,040	-	-
BIGEYE	1,781,600	518,495	-	-
BLUEFIN	13,587,000	4,099,937	-	-
SKIPJACK	79,349,300	20,866,264	-	-
YELLOWFIN	222,991,700	65,777,831	-	-
UNCLASSIFIED	834,600	83,287	-	-
WAHOO	3,900	865	-	-
YELLOWTAIL	35,700	5,054	-	-
CRABS, UNCLASSIFIED	-	-	32,000	720
SQUID	2,750,400	110,275	-	-
TOTAL	575,975,100	98,780,799	273,400	58,031

SPECIES	POTS AND TRAPS					
	CRAB, DUNGENESS		FISH		LOBSTER, SPINY	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
PERCH	-	-	300	130	-	-
SHEEPSHEAD, SALTWATER	-	-	100	19	-	-
CRABS, ROCK	199,700	65,534	368,900	93,802	-	-
LOBSTERS, SPINY	-	-	42,200	100,608	50,500	120,269
CONCHS	-	-	6,300	2,522	-	-
TOTAL	199,700	65,534	417,800	197,081	50,500	120,269

SPECIES	POTS AND TRAPS - CONTD.		GILL AND TRAMMEL NETS		LINES	
	SHRIMP					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BARRACUDA	-	-	137,100	57,969	600	271
BONITO	-	-	59,000	8,191	16,200	2,057
CROAKER, WHITE	-	-	113,400	22,602	3,500	729
DOLPHINFISH	-	-	-	-	100	32
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	100,100	75,738	1,700	1,160
SANDDABS	-	-	-	-	100	33
"SOLE", UNCLASSIFIED	-	-	500	148	-	-
FLYING FISH	-	-	98,200	30,920	-	-
GROUPERS	-	-	-	-	9,600	4,800
HALFMOON	-	-	6,400	2,523	200	60
JACK MACKEREL	-	-	2,500	285	-	-
MACKEREL, PACIFIC	-	-	200	27	-	-
PERCH	-	-	1,400	428	5,900	1,563
POMPANO	-	-	1,900	1,104	-	-
QUEENFISH	-	-	300	30	-	-
ROCKFISHES	-	-	7,400	1,623	530,000	157,595
SABLEFISH	-	-	100	10	800	126
SALMON, UNCLASSIFIED	-	-	-	-	600	663

(CONTINUED ON NEXT PAGE)

SAN PEDRO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	POTS AND TRAPS - CONTD.		GILL AND TRAMMEL NETS		LINES	
	SHRIMP					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SCULPIN	-	-	-	-	3,000	1,710
SEA BASS:						
BLACK, PACIFIC	-	-	23,200	10,096	2,400	1,017
WHITE	-	-	451,200	285,608	800	472
SHARKS, UNCLASSIFIED	-	-	160,300	48,146	30,000	6,002
SHEEPSHEAD, SALTWATER	-	-	3,700	739	1,600	355
SMELT, SURF OR SILVER	-	-	500	55	-	-
TUNA:						
ALBACORE	-	-	-	-	3,238,300	1,518,374
BLUEFIN	-	-	-	-	20,100	6,802
SKIPJACK	-	-	-	-	6,334,200	1,757,797
YELLOWFIN	-	-	-	-	1,990,900	600,794
WAHOO	-	-	-	-	2,300	575
WHITEFISH	-	-	100	19	-	-
YELLOWTAIL	-	-	211,100	45,346	900	190
UNCLASSIFIED, FOR FOOD	-	-	500	139	-	-
CRABS, ROCK	-	-	-	-	2,200	609
SHRIMP, UNCLASSIFIED	1,100	3,823	-	-	-	-
SQUID	-	-	71,000	2,665	-	-
TOTAL	1,100	3,823	1,450,100	594,411	12,196,000	4,063,786

SPECIES	BRAIL OR SCOOP NETS		HARPOONS			
			SWORDFISH		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SEA BASS, WHITE	-	-	-	-	25,700	14,910
SWORDFISH	-	-	36,200	103,920	-	-
YELLOWTAIL	-	-	-	-	8,900	1,948
SQUID	9,037,000	212,159	-	-	-	-
TOTAL	9,037,000	212,159	36,200	103,920	34,600	16,858

SPECIES	DIVING OUTFITS			
	ABALONE		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS
ABALONE	80,400	343,692	-	-
MOLLUSKS, UNCLASSIFIED	200	347	-	-
SEA URCHINS	-	-	143,500	13,948
TOTAL	80,600	344,039	143,500	13,948

SPECIES	WATER PUMP		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
CRABS, UNCLASSIFIED	-	-	8,000	20,408
SAND SHRIMP	4,700	18,677	-	-
CLAMS, MIXED 1/	-	-	7,000	14,863
MUSSELS, SEA	-	-	16,300	7,637
TOTAL	4,700	18,677	31,300	42,908

1/ BASED ON A YIELD OF 25 PERCENT MEATS.

SAN DIEGO DISTRICT OF CALIFORNIA
OPERATING UNITS BY GEAR, 1976

ITEM	PURSE SEINES				OTTER TRAWLS, FISH	POTS AND TRAPS
	ANCHOVY	MACKEREL	TUNA	OTHER		CRAB, DUNGENESS
	NUMBER					
FISHERMEN:						
ON VESSELS	20	-	308	141	6	4
ON BOATS AND SHORE, FULL-TIME	10	18	66	45	21	20
TOTAL	30	18	374	186	27	24
VESSELS, MOTOR	2	-	28	47	2	2
GROSS TONNAGE	206	-	19,272	22,793	37	34
BOATS:						
MOTOR	1	2	6	15	7	10
OTHER	3	2	68	62	-	-
GEAR	3	2	34	62	9	1,560

ITEM	POTS AND TRAPS - CONTINUED		GILL NETS			
	FISH	SPINY LOBSTER	ANCHOR, SET, OR STAKE	DRIFT		
				BARRACUDA	SEA BASS	OTHER
	NUMBER					
FISHERMEN:						
ON VESSELS	2	16	72	3	9	39
ON BOATS AND SHORE, FULL-TIME	11	94	81	-	9	63
TOTAL	13	110	153	3	18	102
VESSELS, MOTOR	2	8	24	1	3	13
GROSS TONNAGE	34	130	539	9	64	205
BOATS, MOTOR	11	47	27	-	3	21
GEAR	845	5,500	204	4	24	136

ITEM	TRAMMEL NETS	LINES				
		HAND				TROLL, TUNA
		ALBACORE	ROCKFISH	YELLOWFIN	OTHER	
	NUMBER					
FISHERMEN:						
ON VESSELS	-	1,089	-	513	930	434
ON BOATS AND SHORE, FULL-TIME	3	81	2	18	843	92
TOTAL	3	1,170	2	531	1,773	526
VESSELS, MOTOR	-	121	-	57	310	217
GROSS TONNAGE	-	6,631	-	5,161	15,419	7,073
BOATS, MOTOR	1	9	1	2	281	46
GEAR	1	1,170	5	531	4,137	2,104

ITEM	LINES - CONTD.	DIP NETS, COMMON	BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	DIVING OUTFITS	
	LONG OR SET WITH HOOKS				ABALONE	OTHER
	NUMBER					
FISHERMEN:						
ON VESSELS	24	8	16	20	22	2
ON BOATS AND SHORE, FULL-TIME	4	16	16	14	92	20
TOTAL	28	24	32	34	114	22
VESSELS, MOTOR	12	1	2	10	11	1
GROSS TONNAGE	404	25	112	254	278	11
BOATS, MOTOR	2	2	2	7	46	10
GEAR	280	9	12	17	57	11

ITEM	WATER PUMP	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER		
FISHERMEN:			
ON VESSELS	-	-	2,441
ON BOATS AND SHORE, FULL-TIME	1	2	1,221
TOTAL	1	2	3,662
VESSELS, MOTOR	-	-	497
GROSS TONNAGE	-	-	56,933
BOATS:			
MOTOR	-	2	397
OTHER	-	-	100
GEAR	1	-	-

PACIFIC COAST FISHERIES

SAN DIEGO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1976

SPECIES	PURSE SEINES		OTTER TRAWLS		POTS AND TRAPS	
					CRAB, DUNGENESS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ANCHOVIES	5,333,000	780,065	-	-	-	-
BONITO	1,299,100	180,041	-	-	-	-
CROAKER, WHITE	11,800	1,851	-	-	-	-
HALFMOON	5,800	2,011	-	-	-	-
JACK MACKEREL	1,400	287	-	-	-	-
LINGCOD	-	-	700	179	-	-
MACKEREL, PACIFIC	2,200	579	-	-	-	-
PERCH	-	-	7,900	2,830	-	-
POMPANO	500	204	-	-	-	-
ROCKFISHES	-	-	600,500	174,322	-	-
SABLEFISH	-	-	16,900	2,579	-	-
SHARKS, UNCLASSIFIED	-	-	14,100	4,858	-	-
SWORDFISH	400	1,137	-	-	-	-
TUNA:						
ALBACORE	155,300	72,963	-	-	-	-
BLUEFIN	5,180,100	1,508,446	-	-	-	-
SKIPJACK	26,388,900	7,198,361	-	-	-	-
YELLOWFIN	46,768,200	13,952,815	-	-	-	-
WAHOO	2,200	901	-	-	-	-
CRABS, ROCK	-	-	-	-	64,600	20,753
SQUID	56,800	4,202	-	-	-	-
TOTAL	85,205,700	23,703,863	640,100	184,768	64,600	20,753

SPECIES	POTS AND TRAPS - CONTINUED				GILL AND TRAMMEL NETS	
	FISH		LOBSTER, SPINY			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BARRACUDA	100	27	-	-	8,600	3,814
BONITO	-	-	-	-	1,300	252
DOLPHINFISH	-	-	-	-	100	15
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	-	-	43,200	31,001
"SOLE", UNCLASSIFIED	-	-	-	-	1,000	454
MULLET	200	68	-	-	1,200	519
OPALEYE	-	-	-	-	600	206
PERCH	-	-	-	-	200	64
ROCKFISHES	-	-	-	-	91,500	26,286
SABLEFISH	600	170	-	-	1,400	202
SCULPIN	-	-	-	-	35,900	16,464
SEA BASS:						
BLACK, PACIFIC	-	-	-	-	27,500	12,963
WHITE	-	-	-	-	515,500	317,369
SHARKS, UNCLASSIFIED	-	-	-	-	127,400	39,377
SHEEPSHEAD, SALTWATER	-	-	-	-	1,600	366
YELLOWTAIL	-	-	-	-	165,600	40,111
CRABS, ROCK	6,900	2,231	-	-	4,700	1,074
LOBSTERS, SPINY	2,900	6,888	115,600	257,812	-	-
CONCHS	400	116	-	-	-	-
SQUID	-	-	-	-	300	50
TOTAL	11,100	9,500	115,600	257,812	1,027,600	490,587

SPECIES	LINES		DIP NETS, COMMON		BRAIL OR SCOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BARRACUDA	5,100	1,947	-	-	-	-
BONITO	65,500	12,217	-	-	-	-
CROAKER, WHITE	1,200	395	-	-	-	-
DOLPHINFISH	9,400	2,700	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	1,700	1,275	-	-	-	-
SANDDABS	100	53	-	-	-	-
"SOLE":						
PETRALE	200	101	-	-	-	-
UNCLASSIFIED	200	121	-	-	-	-
HALFMOON	100	31	-	-	-	-
JACK MACKEREL	13,100	4,592	-	-	-	-
MACKEREL, PACIFIC	1,100	383	-	-	-	-
MULLET	2,000	900	-	-	-	-
PERCH	1,000	324	-	-	-	-
POMPANO	200	87	-	-	-	-
ROCKFISHES	352,500	107,332	-	-	-	-
SABLEFISH	7,200	811	-	-	-	-
SALMON, UNCLASSIFIED	300	443	-	-	-	-
SCULPIN	134,400	55,668	-	-	-	-

(CONTINUED ON NEXT PAGE)

SAN DIEGO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES	LINES		DIP NETS, COMMON		BRAIL OR SCOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SEA BASS:						
BLACK, PACIFIC.	1,900	686	-	-	-	-
WHITE	35,600	26,138	-	-	-	-
SHARKS, UNCLASSIFIED. . . .	10,000	2,964	-	-	-	-
SMELT, SURF OR SILVER . . .	200	70	-	-	-	-
SWORDFISH	15,900	36,851	-	-	-	-
TUNA:						
ALBACORE.	8,696,500	3,996,897	-	-	-	-
BIGEYE.	78,300	23,947	-	-	-	-
BLUEFIN	2,300	681	-	-	-	-
SKIPJACK.	12,385,400	3,403,458	-	-	-	-
YELLOWFIN	4,313,900	1,278,362	-	-	-	-
WAHOO	4,200	1,370	-	-	-	-
WHITEFISH, OCEAN.	700	149	-	-	-	-
YELLOWTAIL.	52,600	12,836	-	-	-	-
CRABS, ROCK	1,800	535	-	-	-	-
SHRIMP, BRINE	-	-	-	-	99,300	195,673
SQUID	1,700	294	1,600	444	8,100	1,292
TOTAL	26,196,300	8,974,618	1,600	444	107,400	196,965

SPECIES	HARPOONS, SWORDFISH		DIVING OUTFITS			
			ABALONE		OTHER	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SWORDFISH	15,900	43,946	-	-	-	-
ABALONE	-	-	41,300	189,801	-	-
SEA URCHINS	-	-	-	-	394,600	35,000
TOTAL	15,900	43,946	41,300	189,801	394,600	35,000

SPECIES	WATER PUMP		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS
SAND SHRIMP	1,400	5,028	-	-
CLAMS: 1/				
HARD, PUBLIC.	-	-	7,600	9,838
MIXED	-	-	3,000	2,077
MUSSELS, SEA.	-	-	6,200	2,472
TOTAL	1,400	5,028	16,800	14,387

1/ BASED ON A YIELD OF 25 PERCENT MEATS.

SECTION 8
GREAT LAKES FISHERIES

United States and Canadian commercial fishermen, operating in the five Great Lakes and in three of the five Internationl Lakes of northern Minnesota and Canada, landed 105.2 million pounds of freshwater fish—an increase of 569,000 pounds over 1975. The harvest from the International Lakes decreased 16 percent in the United States and 9 percent in Canada. The U.S. production of 863,000 pounds was the lowest recorded catch since 1922.

Canada produced 38.6 million pounds of fish in 1976, 4.3 million pounds below the 1975 landings. This catch constituted 37 percent of the total production from both countries. As in previous years, smelt and yellow perch dominated the Canadian catch, accounting for 63 percent of the total landings in 1976.

The U.S. landings of 66.5 million pounds valued at $10.7 million increased 4.8 million pounds and $1.5 million over 1975. In 1976, U.S. fishermen received an average of 16.2 cents per pound, an increase of 1.2 cents compared with 1975. Landings of alewives, taken only in Lake Michigan, were 39.2 million pounds—an increase of 4.0 million pounds compared with 1975. Increases for other major species were gizzard shad, up 618,000 pounds; sheepshead, 176,000; smelt, 2.8 million; and whitefish (common), up 783,000 pounds. There were declines, however in landings of burbot, down 236,000 pounds; carp, 2.1 million; chubs, 786,000; lake trout, 131,000; and white bass, down 170,000 pounds. U.S. landings from Lake Michigan were 48.4 million pounds; followed by Lake Erie, 9.0 million; Lake Superior, 5.9 million; Lake Huron, 2.2 million; International Lakes, 1.0 million; and Lake Ontario, 194,000 pounds. Wisconsin, with 39.5 million pounds, led in volume of landings followed by Michigan with 13.9 million; Ohio, 7.8 million; Minnesota, 4.0 million; New York, 512,800; Pennsylvania, 333,600; Illinois, 264,300; and Indiana, 199,800 pounds.

Fishermen and vessels. There were 1,080 commercial fishermen operating 194 vessels (5 net tons or more) and 482 smaller craft in the U.S. commercial fisheries of the Great Lakes and International Lakes. Compared with 1975 this was a decrease of 121 fishermen, 17 vessels, and 72 small craft.

Processed Products. The value of processed fishery products was $73.9 million, an increase of $4.3 million compared with 1975. Ohio accounted for 68 percent of the total with $50.6 million, followed by Illinois, $14.9 million; Wisconsin, $5.1 million; and Michigan, $1.9 million. New York, Pennsylvania, and Minnesota supplied the remaining $1.4 million.The production of frozen products ($50.1 million) was 68 percent of the total value. The 155 wholesaling and processing plants in the eight States employed 2,130 persons.

U.S. landings by lake.

Lake Ontario. The 1976 production of 193,900 pounds was 39,000 pounds lower than in 1975. Landings of bullheads, eels, and white and yellow perch were 78 percent of the total production. Compared with 1975, landings of bullheads declined 63 percent and yellow perch were down 13 percent, but landings of eels increased 18 percent and white perch, 29 percent. The average price per pound for all species in 1976 was 47.2 cents compared with 42.4 cents in 1975.

Lake Erie. Commercial fishermen landed 9.1 million pounds valued at $2.7 million—increases of 7 percent in volume and 39 percent in value compared with 1975. Landings increased for sheepshead (up 21 percent), but declined slightly for carp, white bass, and yellow perch.

Commercial fishing for yellow pike (walleye) has been banned in Ohio and Michigan since April 1970 because of polluted waters in their areas of the lake. Production from the State of Michigan resulted from test netting operations to monitor the mercury content of fish.

Lake Huron. Landings were 2.2 million pounds worth $771,171—increases of 301,900 pounds and $141,506. Major species such as carp, catfish, suckers, whitefish, and yellow perch increased slightly in landings.

Lake Michigan. Landings of 48.4 million pounds valued at $5.1 million increased 3.0 million pounds and $492,949 compared with 1975. Alewife production accounted for 81 percent of the entire lake's landings. Compared with 1975, landings increased for alewives, up 11 percent; smelt, up 86 percent and whitefish (common), up 21 percent. Landings of carp declined 74 percent and chubs declined 54 percent compared with 1975. The average price per pound for all species was 10.5 cents per pound compared with 10.1 cents in 1975. Prices were much higher in 1976 than 1975; alewives, a low-valued species used for animal food, is holding the overall average price down. Chubs brought an average price per pound of a record $1.03 (up 10.0 cents); whitefish (common) were 78.1 cents (up 4.4 cents); and yellow perch were a record 87.2 cents (up 23.7 cents). The combined landings of chubs, whitefish (common), and yellow perch were only 11 percent of the total harvest for the lake, but their combined value was 86 percent of the total value.

GREAT LAKES FISHERIES

Lake Superior. Landings were 5.9 million pounds valued at $1.8 million—increases of 1.1 million pounds and $47,891 over 1975. Landings of smelt were a record 3.1 million pounds—a 126-percent increase over 1975. Landings of most other species declined. Chubs (1.2 million pounds) declined 19 percent; lake herring (447,000 pounds), 12 percent; and lake trout (315,700 pounds), declined 25 percent. Landings of lake herring have been declining since 1941, and the 1976 catch was the lowest since the turn of the century. The average price per pound for all species in 1976 was 31.3 cents; a 6.6 cents per pound decrease from 1975.

International lakes. In 1976, Lake of the Woods provided 94 percent of the total landings from these waters (811,200 pounds). Burbot, suckers, tullibee, and yellow pike (walleye) constituted 85 percent of the catch. The average price per pound was 29.0 cents compared to 19.9 cents in the Great Lakes.

Factors affecting the fisheries. In 1976, all eight of the Great Lakes States had extensive planting programs that will result in a record or near-record release of some 26 million hatchery reared salmonids (trout and salmon). The State of New York stopped sport and commercial fishing in Lake Ontario in the summer of 1976, because the fish are contaminated by Mirex, which is manufactured in the area. Formerly used to control the fire ant, Mirex is now used as a fire retardant in clothing.

Other information. Condensed summary data on the landings by Lakes and States appearing in the following pages have been published previously in Current Fishery Statistics No. 7705. Additional data may also be found in daily, monthly, and annual reports provided by the NMFS Market News Office in Chicago, Ill. These data are published by the Market News Office in Boston, Mass.

Acknowledgments. The following organizations assisted in collecting the data appearing in this section; Ministry of Natural Resources of Canada; Illinois Department of Conservation, Division of Fisheries; Indiana Department of Natural Resources, Division of Fish and Game, Section of Fish Management; Michigan Department of Natural Resources, Fisheries Division, Great Lakes Fisheries; Minnesota Department of Natural Resources, Division of Fish and Game, Section of Fisheries; New York State Department of Environmental Conservation, Great Lakes Fisheries Station; Ohio Department of Natural Resources, Division of Wildlife, Section of Fish Management; Pennsylvania Fish Commission; Wisconsin Department of Natural Resources, Fish Management Divsion; and the Fish and Wildlife Service, Great Lakes Fishery Laboratory, Ann Arbor, Mich.

SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1976

SPECIES	LAKE ONTARIO			LAKE ERIE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	THOUSAND POUNDS					
BOWFIN	-	2	2	-	37	37
BUFFALOFISH	-	-	-	94	-	94
BULLHEADS	19	350	369	44	97	141
BURBOT	-	-	-	(1)	(1)	(1)
CARP	5	429	434	3,142	53	3,195
CATFISH	3	1	4	261	80	341
CRAPPIE	3	-	3	-	-	-
EELS, COMMON	36	342	378	-	1	1
GIZZARD SHAD	-	(1)	(1)	614	42	656
GOLDFISH	-	-	-	134	-	134
LAKE HERRING	(1)	15	15	-	-	-
LAKE TROUT	-	2	2	(1)	-	(1)
MINNOWS	-	-	-	6	-	6
PIKE OR PICKEREL	-	22	22	-	24	24
QUILLBACK	-	-	-	127	-	127
ROCK BASS	7	81	88	(1)	52	52
SAUGER	-	-	-	-	(1)	(1)
SHEEPSHEAD	(1)	3	3	1,035	341	1,376
SMELT	12	91	103	39	17,190	17,229
STURGEON, COMMON	-	1	1	-	1	1
SUCKERS	4	9	13	80	23	103
SUNFISH	7	226	233	-	99	99
WHITE BASS	(1)	6	6	1,524	1,120	2,644
WHITEFISH:						
COMMON	-	4	4	(1)	1	1
MENOMINEE	-	(1)	(1)	-	-	-
WHITE PERCH	45	729	774	-	-	-
YELLOW PERCH	53	574	627	1,885	4,646	6,531
YELLOW PIKE (WALLEYE)	(1)	2	2	69	254	323
UNCLASSIFIED, FOR ANIMAL FOOD	-	25	25	-	1,650	1,650
TOTAL	194	2,914	3,108	9,054	25,711	34,765

SPECIES	LAKE HURON			LAKE MICHIGAN, UNITED STATES	LAKE SUPERIOR		
	UNITED STATES	CANADA	TOTAL		UNITED STATES	CANADA	TOTAL
	THOUSAND POUNDS						
ALEWIVES	-	-	-	39,212	-	-	-
BOWFIN	1	-	1	-	-	-	-
BULLHEADS	30	(1)	30	120	-	(1)	(1)
BURBOT	-	2	2	160	(1)	30	30
CARP	716	66	782	749	-	(1)	(1)
CATFISH	379	48	427	1	-	-	-
CHUBS	-	728	728	422	1,236	813	2,049
CRAPPIE	56	-	56	-	-	-	-
GIZZARD SHAD	5	10	15	-	-	(1)	(1)
LAKE HERRING	(1)	46	46	2	447	1,320	1,767
LAKE TROUT	-	16	16	9	316	170	486
PIKE OR PICKEREL	-	41	41	16	-	4	4
QUILLBACK	8	-	8	-	-	-	-
ROCK BASS	-	5	5	-	-	(1)	(1)
SAUGER	-	1	1	-	-	(1)	(1)
SHEEPSHEAD	13	35	48	1	-	-	-
SMELT	16	14	30	2,186	3,092	948	4,040
STURGEON, COMMON	-	13	13	-	-	1	32
SUCKERS	127	307	434	426	31	166	166
WHITE BASS	1	4	5	4	-	(1)	(1)
WHITEFISH:							
COMMON	486	1,070	1,556	4,070	741	261	1,002
MENOMINEE	(1)	104	104	132	15	28	43
YELLOW PERCH	322	711	1,033	853	-	143	143
YELLOW PIKE (WALLEYE)	(1)	258	258	6	(1)	1	1
UNCLASSIFIED, FOR ANIMAL FOOD	-	405	405	-	-	6	6
TOTAL	2,160	3,884	6,044	48,369	5,878	3,891	9,769

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1976 - Continued

SPECIES	TOTAL, GREAT LAKES			LAKE OF THE WOODS		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	THOUSAND POUNDS					
ALEWIVES	39,212	-	39,212	-	-	-
BOWFIN	1	39	40	-	-	-
BUFFALOFISH	94	-	94	-	-	-
BULLHEADS	213	447	660	1	13	14
BURBOT	160	32	192	92	147	239
CARP	4,612	548	5,160	-	-	-
CATFISH	644	129	773	-	-	-
CHUBS	1,658	1,541	3,199	-	(1)	(1)
CRAPPIE	59	-	59	-	-	-
EELS, COMMON	36	343	379	-	-	-
GIZZARD SHAD	619	52	671	-	-	-
GOLDFISH	134	-	134	-	-	-
LAKE HERRING	449	1,381	1,830	-	66	66
LAKE TROUT	325	188	513	-	1	1
MINNOWS	6	-	6	-	-	-
PIKE OR PICKEREL	16	91	107	63	314	377
QUILLBACK	135	-	135	-	-	-
ROCK BASS	7	138	145	-	67	67
SAUGER	-	1	1	26	26	52
SHEEPSHEAD	1,049	379	1,428	-	(1)	(1)
SMELT	5,345	18,243	23,588	-	-	-
STURGEON, COMMON	-	16	16	-	5	5
SUCKERS	668	505	1,173	273	538	811
SUNFISH	7	325	332	-	-	-
TULLIBEE	-	-	-	185	-	185
WHITE BASS	1,529	1,130	2,659	-	-	-
WHITEFISH:						
COMMON	5,297	1,336	6,633	(1)	64	64
MENOMINEE	147	132	279	-	1	1
WHITE PERCH	45	729	774	-	-	-
YELLOW PERCH	3,113	6,074	9,187	3	7	10
YELLOW PIKE (WALLEYE)	75	515	590	168	530	698
UNCLASSIFIED, FOR ANIMAL FOOD	-	2,086	2,086	-	79	79
TOTAL	65,655	36,400	102,055	811	1,858	2,669

SPECIES	NAMAKAN LAKE, CANADA	RAINY LAKE		
		UNITED STATES	CANADA	TOTAL
	THOUSAND POUNDS			
BURBOT	2	-	43	43
CHUBS	5	-	23	23
PIKE OR PICKEREL	-	5	70	75
ROCK BASS	(1)	-	1	1
SAUGER	-	(1)	(1)	(1)
STURGEON, COMMON	1	-	(1)	(1)
SUCKERS	12	-	127	127
WHITE BASS	-	-	(1)	(1)
WHITEFISH:				
COMMON	20	28	45	73
MENOMINEE	-	-	4	4
YELLOW PERCH	-	-	(1)	(1)
YELLOW PIKE (WALLEYE)	-	19	25	44
UNCLASSIFIED, FOR ANIMAL FOOD	-	-	1	1
TOTAL	40	52	339	391

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1976 - Continued

SPECIES	TOTAL, INTERNATIONAL LAKES			GRAND TOTAL, ALL LAKES		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	THOUSAND POUNDS					
ALEWIVES	-	-	-	39,212	-	39,212
BOWFIN	-	-	-	1	39	40
BUFFALOFISH	-	-	-	94	-	94
BULLHEADS	1	13	14	214	460	674
BURBOT	92	192	284	252	224	476
CARP	-	-	-	4,612	548	5,160
CATFISH	-	-	-	644	129	773
CHUBS	-	28	28	1,658	1,569	3,227
CRAPPIE	-	-	-	59	-	59
EELS, COMMON	-	-	-	36	343	379
GIZZARD SHAD	-	-	-	619	52	671
GOLDFISH	-	-	-	134	-	134
LAKE HERRING	-	66	66	449	1,447	1,896
LAKE TROUT	-	1	1	325	189	514
MINNOWS	-	-	-	6	-	6
PIKE OR PICKEREL	68	384	452	84	475	559
QUILLBACK	-	-	-	135	-	135
ROCK BASS	-	68	68	7	206	213
SAUGER	26	26	52	26	27	53
SHEEPSHEAD	-	(1)	(1)	1,049	379	1,428
SMELT	-	-	-	5,345	18,243	23,588
STURGEON, COMMON	-	6	6	-	22	22
SUCKERS	273	677	950	941	1,182	2,123
SUNFISH	-	-	-	7	325	332
TULLIBEE	185	-	185	185	-	185
WHITE BASS	-	(1)	(1)	1,529	1,130	2,659
WHITEFISH:						
COMMON	28	129	157	5,325	1,465	6,790
MENOMINEE	-	5	5	147	137	284
WHITE PERCH	-	-	-	45	729	774
YELLOW PERCH	3	7	10	3,116	6,081	9,197
YELLOW PIKE (WALLEYE)	187	555	742	262	1,070	1,332
UNCLASSIFIED, FOR ANIMAL FOOD	-	80	80	-	2,166	2,166
TOTAL	863	2,237	3,100	66,518	38,637	105,155

1/ LESS THAN 500 POUNDS.

SUMMARY OF U.S. LANDINGS, 1976

STATE	TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS
NEW YORK	513	253
PENNSYLVANIA	334	251
OHIO	7,783	2,239
MICHIGAN	13,930	4,006
INDIANA	200	118
ILLINOIS	264	219
WISCONSIN	39,470	3,165
MINNESOTA	4,024	498
TOTAL	66,518	10,749

GREAT LAKES FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY LAKES, 1976

ITEM	LAKE ONTARIO	LAKE ERIE	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR	INTER-NATIONAL LAKES	TOTAL, EXCLUSIVE OF DUPLICATION
				NUMBER			
FISHERMEN:							
ON VESSELS:							
REGULAR	-	15	6	72	12	-	98
PART-TIME	2	36	12	112	60	-	222
CASUAL	-	26	4	35	9	-	79
ON BOATS AND SHORE:							
REGULAR	-	-	6	14	-	-	20
PART-TIME	-	60	32	100	42	30	264
CASUAL	47	117	12	157	57	7	397
TOTAL FISHERMEN	49	254	72	490	180	37	1,080
VESSELS, MOTOR:							
REGULAR	-	5	2	24	4	-	35
PART-TIME	1	18	6	56	30	-	101
CASUAL	-	17	2	29	8	-	58
TOTAL VESSELS	1	40	10	109	42	-	194
TOTAL GROSS TONNAGE	10	539	103	2,501	875	-	3,836
BOATS:							
MOTOR:							
REGULAR	-	-	2	5	-	-	7
PART-TIME	-	30	16	50	21	15	132
CASUAL	25	75	7	137	49	5	298
TOTAL MOTORBOATS	25	105	25	192	70	20	437
OTHER:							
PART-TIME	-	9	3	1	-	-	13
CASUAL	-	26	5	-	1	-	32
TOTAL OTHER BOATS	-	35	8	1	1	-	45
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS	226	7,660	2,767	27,676	9,575	-	47,904
ON BOATS AND SHORE	826	8,017	5,460	16,271	4,886	3,736	39,196
TOTAL FISHERMEN DAYS	1,052	15,677	8,227	43,947	14,461	3,736	87,100
CRAFT:							
VESSELS	113	3,741	1,165	11,645	4,535	-	21,199
MOTORBOATS	428	4,420	2,520	7,954	2,895	1,915	20,132
TOTAL CRAFT DAYS	541	8,161	3,685	19,599	7,430	1,915	41,331
FISHING EFFORT:							
LIFTS:							
POUND NETS	-	-	125	3,082	1,241	954	5,402
TRAP NETS	1,191	5,604	9,093	5,736	1,766	134	23,524
FYKE AND HOOP NETS	398	-	-	10,200	2	34	10,634
LIFTS PER 1,000 LINEAR YARDS:							
HAUL SEINES	-	2,070	163	38	3	-	2,274
GILL NETS:							
1-1/4 - 2 INCH MESH	-	-	-	187	8	-	195
2-1/8 - 3-7/8 INCH MESH	875	11,915	-	13,438	7,524	-	33,752
4 - 7 INCH MESH	42	595	-	21,251	3,444	1,554	26,886
OVER 7 INCH MESH	-	8	748	209	-	-	964
LIFTS PER 1,000 HOOKS	-	480	677	-	-	-	1,157
HOURS TRAWLED	1	2	-	5,865	296	-	6,164
DAYS FISHED	-	-	-	-	36	-	36

NOTE:--THE NUMBER OF DAYS INDICATES THAT FISHING OCCURRED REGARDLESS OF THE AMOUNT OF TIME FISHED DURING A DAY. THE NUMBER OF FISHERMEN AND CRAFT OPERATING AS REGULAR, PART-TIME, AND CASUAL IS BASED ON DAYS OF OPERATION AS FOLLOWS: REGULAR--MORE THAN 161 DAYS, PART-TIME--54 TO 161 DAYS (INCLUSIVE), AND CASUAL--LESS THAN 54 DAYS.

GREAT LAKES FISHERIES

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES, 1976

ITEM	NEW YORK	PENNSYLVANIA	OHIO	MICHIGAN	INDIANA	ILLINOIS	WISCONSIN	MINNESOTA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER								
FISHERMEN:									
ON VESSELS:									
REGULAR	5	3	9	9	9	-	57	6	98
PART-TIME	6	6	26	86	2	7	98	6	222
CASUAL.	1	9	23	35	-	-	22	-	79
ON BOATS AND SHORE:									
REGULAR	-	-	-	11	-	-	9	-	20
PART-TIME	6	2	48	70	8	-	68	62	264
CASUAL.	63	25	74	45	18	-	132	40	397
TOTAL FISHERMEN . .	81	45	180	256	37	7	386	114	1,080
VESSELS, MOTOR:									
REGULAR	1	1	3	3	3	-	22	2	35
PART-TIME	3	3	13	42	1	3	35	3	101
CASUAL.	1	6	14	25	-	-	18	-	58
TOTAL VESSELS . . .	5	10	30	70	4	3	75	5	194
TOTAL GROSS TONNAGE	62	114	427	1,443	107	87	1,929	85	3,836
BOATS:									
MOTOR:									
REGULAR	-	-	-	4	-	-	3	-	7
PART-TIME	3	1	24	35	4	-	34	31	132
CASUAL.	41	12	46	30	18	-	116	35	298
TOTAL MOTORBOATS. .	44	13	70	69	22	-	153	66	437
OTHER:									
PART-TIME	-	2	7	3	-	-	1	-	13
CASUAL.	-	2	24	6	-	-	-	-	32
TOTAL OTHER BOATS .	-	4	31	9	-	-	1	-	45
DAYS OPERATED:									
FISHERMEN:									
ON VESSELS.	1,184	1,382	5,272	12,399	2,143	934	22,419	2,171	47,904
ON BOATS AND SHORE. .	1,697	613	6,209	11,969	1,350	-	10,410	6,948	39,196
TOTAL FISHERMEN DAYS.	2,881	1,995	11,481	24,368	3,493	934	32,829	9,119	87,100
CRAFT:									
VESSELS	497	975	2,358	5,904	756	393	9,447	869	21,199
MOTORBOATS.	976	424	3,286	5,012	886	-	5,787	3,761	20,132
TOTAL CRAFT DAYS. .	1,473	1,399	5,644	10,916	1,642	393	15,234	4,630	41,331
FISHING EFFORT:									
LIFTS:									
POUND NETS.	-	-	-	1,864	-	-	2,369	1,169	5,402
TRAP NETS	1,191	-	5,481	16,519	-	-	199	134	23,524
FYKE AND HOOP NETS. .	398	-	-	2	-	-	10,200	34	10,634
LIFTS PER 1,000 LINEAR YARDS:									
HAUL SEINES	-	289	1,595	352	-	-	38	-	2,274
GILL NETS:									
1-1/4 - 2 INCH MESH .	-	-	-	10	10	-	175	-	195
2-1/8 - 3-7/8 INCH MESH	2,684	2,493	7,613	6,851	2,889	1,364	8,734	1,124	33,752
4 - 7 INCH MESH . .	552	85	-	8,761	-	-	15,786	1,702	26,886
7-1/8 - 14 IN. MESH .	8	-	-	843	-	-	113	-	964
LIFTS PER 1,000 HOOKS, LONG OR SET.	-	4	476	677	-	-	-	-	1,157
HOURS TRAWLED	1	2	-	141	-	-	5,724	296	6,164
DAYS FISHED, DIP NETS .	-	-	-	-	-	-	-	36	36

SEE NOTE ON PAGE 285.

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES AND LAKES, 1976

ITEM	NEW YORK		PENN-SYLVANIA, LAKE ERIE	OHIO, LAKE ERIE	MICHIGAN			
	LAKE ONTARIO	LAKE ERIE			LAKE ERIE	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR
	NUMBER							
FISHERMEN:								
ON VESSELS:								
REGULAR	-	5	3	9	-	6	3	-
PART-TIME	2	4	6	26	-	12	46	28
CASUAL	-	1	9	23	2	4	20	11
ON BOATS AND SHORE:								
REGULAR	-	-	-	-	-	6	5	-
PART-TIME	-	6	2	48	4	32	26	8
CASUAL	47	16	25	74	2	12	18	13
TOTAL FISHERMEN	49	32	45	180	8	72	118	60
VESSELS, MOTOR:								
REGULAR	-	1	1	3	-	2	1	-
PART-TIME	1	2	3	13	-	6	22	14
CASUAL	-	1	6	14	1	2	16	7
TOTAL VESSELS	1	4	10	30	1	10	39	21
TOTAL GROSS TONNAGE	10	52	114	427	12	103	915	433
BOATS:								
MOTOR:								
REGULAR	-	-	-	-	-	2	2	-
PART-TIME	-	3	1	24	2	16	13	4
CASUAL	25	16	12	46	1	7	11	11
TOTAL MOTORBOATS	25	19	13	70	3	25	26	15
OTHER:								
PART-TIME	-	-	2	7	-	3	-	-
CASUAL	-	-	2	24	-	5	-	1
TOTAL OTHER BOATS	-	-	4	31	-	8	-	1
DAYS OPERATED:								
FISHERMEN:								
ON VESSELS	226	958	1,382	5,272	48	2,767	6,405	3,179
ON BOATS AND SHORE	826	871	613	6,209	324	5,460	5,171	1,014
TOTAL FISHERMEN DAYS	1,052	1,829	1,995	11,481	372	8,227	11,576	4,193
CRAFT:								
VESSELS	113	384	975	2,358	24	1,165	3,049	1,666
MOTORBOATS	428	548	424	3,286	162	2,520	1,711	619
TOTAL CRAFT DAYS	541	932	1,399	5,644	186	3,685	4,760	2,285
FISHING EFFORT:								
LIFTS:								
POUND NETS	-	-	-	-	-	125	1,723	16
TRAP NETS	1,191	-	-	5,481	123	9,093	5,690	1,613
FYKE AND HOOP NETS	398	-	-	-	-	-	-	2
LIFTS PER 1,000 LINEAR YARDS:								
HAUL SEINES	-	-	289	1,595	186	163	-	3
GILL NETS:								
1-1/4 - 2 INCH MESH	-	-	-	-	-	-	10	-
2-1/8 - 3-7/8 INCH MESH	875	1,809	2,493	7,613	-	-	2,664	4,187
4 - 7 INCH MESH	42	510	85	-	-	-	6,845	1,916
7-1/8 - 14 INCH MESH	-	8	-	-	-	748	95	-
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET	-	-	4	476	-	677	-	-
HOURS TRAWLED	1	-	2	-	-	-	141	-

SEE NOTE ON PAGE 285.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

SUMMARY OF U.S. OPERATING UNITS AND FISHING EFFORT, BY STATES AND LAKES, 1976 - Continued

ITEM	INDIANA, LAKE MICHIGAN	ILLINOIS, LAKE MICHIGAN	WISCONSIN		MINNESOTA	
			LAKE MICHIGAN	LAKE SUPERIOR	LAKE SUPERIOR	INTERNATIONAL LAKES
			NUMBER			
FISHERMEN:						
ON VESSELS:						
REGULAR	9	-	51	6	6	-
PART-TIME	2	7	72	26	6	-
CASUAL	-	-	19	3	-	-
ON BOATS AND SHORE:						
REGULAR	-	-	9	-	-	-
PART-TIME	8	-	66	2	32	30
CASUAL	18	-	121	11	33	7
TOTAL FISHERMEN	37	7	338	48	77	37
VESSELS, MOTOR:						
REGULAR	3	-	20	2	2	-
PART-TIME	1	3	32	13	3	-
CASUAL	-	-	15	3	-	-
TOTAL VESSELS	4	3	67	18	5	-
TOTAL GROSS TONNAGE	107	87	1,526	403	85	-
BOATS:						
MOTOR:						
REGULAR	-	-	3	-	-	-
PART-TIME	4	-	33	1	16	15
CASUAL	18	-	108	8	30	5
TOTAL MOTORBOATS	22	-	144	9	46	20
OTHER, PART-TIME	-	-	1	-	-	-
DAYS OPERATED:						
FISHERMEN:						
ON VESSELS	2,143	934	18,194	4,225	2,171	-
ON BOATS AND SHORE	1,350	-	9,750	660	3,212	3,736
TOTAL FISHERMEN DAYS	3,493	934	27,944	4,885	5,383	3,736
CRAFT:						
VESSELS	756	393	7,447	2,000	869	-
MOTORBOATS	886	-	5,357	430	1,846	1,915
TOTAL CRAFT DAYS	1,642	393	12,804	2,430	2,715	1,915
FISHING EFFORT:						
LIFTS:						
POUND NETS	-	-	1,359	1,010	215	954
TRAP NETS	-	-	46	153	-	134
FYKE AND HOOP NETS	-	-	10,200	-	-	34
LIFTS PER 1,000 LINEAR YARDS:						
HAUL SEINES	-	-	38	-	-	-
GILL NETS:						
1-1/4 - 2 INCH MESH	10	-	167	8	-	-
2-1/8 - 3-7/8 INCH MESH	2,889	1,364	6,521	2,213	1,124	-
4 - 7 INCH MESH	-	-	14,406	1,380	148	1,554
7-1/8 - 14 INCH MESH	-	-	113	-	-	-
HOURS TRAWLED	-	-	5,724	-	296	-
DAYS FISHED, DIP NETS	-	-	-	-	36	-

SEE NOTE ON PAGE 285.

LANDINGS BY STATES, 1976

SPECIES	NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	-	-	-	-	29,600	8,692
BULLHEADS	18,700	8,223	-	-	42,800	7,008
BURBOT	-	-	200	7	-	-
CARP	24,700	2,183	(1)	1	2,634,500	160,250
CATFISH	3,000	701	900	179	223,200	118,784
CRAPPIE	3,100	1,310	-	-	-	-
EELS, COMMON	35,500	27,967	-	-	-	-
GIZZARD SHAD	-	-	-	-	604,200	30,171
GOLDFISH	-	-	-	-	133,500	6,830
LAKE HERRING	(1)	12	-	-	-	-
LAKE TROUT	-	-	300	176	-	-
MINNOWS	-	-	6,500	7,600	-	-
QUILLBACK	-	-	-	-	127,200	7,031
ROCK BASS	7,400	1,594	-	-	-	-
SHEEPSHEAD	70,600	2,909	8,100	106	952,300	41,380
SMELT	13,100	6,548	3,100	441	34,800	926
SUCKERS	20,100	806	600	28	62,700	3,544
SUNFISH	6,800	2,015	-	-	-	-
WHITE BASS	7,600	1,673	3,300	518	1,499,400	666,965
WHITEFISH, COMMON	-	-	(1)	21	-	-
WHITE PERCH	45,200	13,682	-	-	-	-
YELLOW PERCH	191,400	135,410	306,900	239,123	1,438,500	1,187,074
YELLOW PIKE (WALLEYE)	65,600	48,080	3,700	2,703	-	-
TOTAL	512,800	253,113	333,600	250,903	7,782,700	2,238,655

SPECIES	MICHIGAN		INDIANA		ILLINOIS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	4,620,800	56,885	1,500	19	-	-
BOWFIN	900	69	-	-	-	-
BUFFALOFISH	64,000	20,454	-	-	-	-
BULLHEADS	31,000	5,128	-	-	-	-
BURBOT	30,300	101	-	-	-	-
CARP	1,203,600	104,613	-	-	-	-
CATFISH	415,600	168,811	400	14	-	-
CHUBS	1,071,300	732,501	1,600	591	28,500	29,226
CRAPPIE	55,600	42,324	-	-	-	-
GIZZARD SHAD	15,400	776	-	-	-	-
LAKE HERRING	108,600	32,508	-	-	-	-
LAKE TROUT	128,100	74,480	5,700	4,048	-	-
QUILLBACK	7,500	1,667	-	-	-	-
SHEEPSHEAD	17,400	1,845	-	-	-	-
SMELT	1,981,000	69,700	5,600	1,278	11,700	3,366
SUCKERS	280,600	12,976	4,000	491	-	-
WHITE BASS	14,000	5,198	-	-	-	-
WHITEFISH:						
COMMON	3,449,300	2,463,935	200	131	-	-
MENOMINEE	112,500	40,467	-	-	-	-
YELLOW PERCH	323,000	171,471	180,800	111,116	224,100	186,464
YELLOW PIKE (WALLEYE)	100	72	-	-	-	-
TOTAL	13,930,600	4,005,981	199,800	117,688	264,300	219,056

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	34,589,800	419,141	-	-	39,212,100	476,045
BOWFIN	-	-	-	-	900	69
BUFFALOFISH	-	-	-	-	93,600	29,146
BULLHEADS	119,900	15,633	600	132	213,000	36,124
BURBOT	130,200	5,508	92,200	1,751	252,900	7,367
CARP	748,400	25,738	-	-	4,611,200	292,785
CATFISH	300	121	-	-	643,400	288,610
CHUBS	491,600	385,447	64,400	38,082	1,657,400	1,185,847
CRAPPIE	-	-	-	-	58,700	43,634
EELS, COMMON	-	-	-	-	35,500	27,967
GIZZARD SHAD	-	-	-	-	619,600	30,947
GOLDFISH	-	-	-	-	133,500	6,830
LAKE HERRING	160,400	47,797	179,700	63,708	448,700	144,025
LAKE TROUT	159,100	104,175	32,300	26,133	325,500	209,012
MINNOWS	-	-	-	-	6,500	7,600
PIKE OR PICKEREL	15,600	2,803	68,200	22,640	83,800	25,443
QUILLBACK	-	-	-	-	134,700	8,698
ROCK BASS	-	-	-	-	7,400	1,594
SAUGER	-	-	26,200	9,868	26,200	9,868

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SHEEPSHEAD	1,300	111	-	-	1,049,700	46,351
SMELT	414,600	47,982	2,881,500	119,116	5,345,400	249,357
SUCKERS	299,300	8,749	273,300	17,496	940,600	44,090
SUNFISH	-	-	-	-	6,800	2,015
TULLIBEE	-	-	185,200	15,374	185,200	15,374
WHITE BASS	4,200	1,648	-	-	1,528,500	676,002
WHITEFISH:						
COMMON	1,847,300	1,635,267	28,600	10,219	5,325,400	4,109,573
MENOMINEE	33,400	13,271	1,400	440	147,300	54,178
WHITE PERCH	-	-	-	-	45,200	13,682
YELLOW PERCH	448,700	446,866	3,300	1,140	3,116,700	2,478,664
YELLOW PIKE (WALLEYE)	5,900	4,912	186,800	172,231	262,100	227,998
TOTAL	39,470,000	3,165,169	4,023,700	498,330	66,517,500	10,748,895

1/ LESS THAN 50 POUNDS.

LANDINGS BY LAKES AND STATES, 1976

SPECIES	LAKE ONTARIO		LAKE ERIE			
	NEW YORK		NEW YORK		PENNSYLVANIA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BULLHEADS	18,700	8,223	-	-	-	-
BURBOT	-	-	-	-	200	7
CARP	5,000	229	19,700	1,954	(1)	1
CATFISH	2,700	591	300	110	900	179
CRAPPIE	3,100	1,310	-	-	-	-
EELS, COMMON	35,500	27,967	-	-	-	-
LAKE HERRING	(1)	12	-	-	-	-
LAKE TROUT	-	-	-	-	300	176
MINNOWS	-	-	-	-	6,500	7,600
ROCK BASS	7,200	1,543	200	51	-	-
SHEEPSHEAD	300	15	70,300	2,894	8,100	106
SMELT	12,300	6,143	800	405	3,100	441
SUCKERS	4,100	164	16,000	642	600	28
SUNFISH	6,800	2,015	-	-	-	-
WHITE BASS	200	32	7,400	1,641	3,300	518
WHITEFISH, COMMON	-	-	-	-	(1)	21
WHITE PERCH	45,200	13,682	-	-	-	-
YELLOW PERCH	52,500	29,471	138,900	105,939	306,900	239,123
YELLOW PIKE (WALLEYE)	300	171	65,300	47,909	3,700	2,703
TOTAL	193,900	91,568	318,900	161,545	333,600	250,903

SPECIES	LAKE ERIE - CONTINUED					
	OHIO		MICHIGAN		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	29,600	8,692	64,000	20,454	93,600	29,146
BULLHEADS	42,800	7,008	1,000	234	43,800	7,242
BURBOT	-	-	-	-	200	7
CARP	2,634,500	160,250	487,400	41,444	3,141,600	203,649
CATFISH	223,200	118,784	36,700	18,163	261,100	137,236
GIZZARD SHAD	604,200	30,171	10,000	150	614,200	30,321
GOLDFISH	133,500	6,830	-	-	133,500	6,830
LAKE TROUT	-	-	-	-	300	176
MINNOWS	-	-	-	-	6,500	7,600
QUILLBACK	127,200	7,031	-	-	127,200	7,031
ROCKBASS	-	-	-	-	200	51
SHEEPSHEAD	952,300	41,380	4,000	225	1,034,700	44,605
SMELT	34,800	926	-	-	38,700	1,772
SUCKERS	62,700	3,544	800	54	80,100	4,268
WHITE BASS	1,499,400	666,965	13,500	4,876	1,523,600	674,000
WHITEFISH, COMMON	-	-	-	-	(1)	21
YELLOW PERCH	1,438,500	1,187,074	900	493	1,885,200	1,532,629
YELLOW PIKE (WALLEYE)	-	-	-	-	69,000	50,612
TOTAL	7,782,700	2,238,655	618,300	86,093	9,053,500	2,737,196

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKES AND STATES, 1976 - Continued

SPECIES	LAKE HURON		LAKE MICHIGAN			
	MICHIGAN		MICHIGAN		INDIANA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	4,620,800	56,885	1,500	19
BOWFIN	900	69	-	-	-	-
BULLHEADS	30,000	4,894	-	-	-	-
BURBOT	-	-	30,300	101	-	-
CARP	716,000	63,157	200	12	-	-
CATFISH	378,900	150,648	-	-	400	14
CHUBS	-	-	176,700	185,033	1,600	591
CRAPPIE	55,600	42,324	-	-	-	-
GIZZARD SHAD	5,400	626	-	-	-	-
LAKE HERRING	100	76	-	-	-	-
LAKE TROUT	-	-	100	93	5,700	4,048
QUILLBACK	7,500	1,667	-	-	-	-
SHEEPSHEAD	13,400	1,620	-	-	-	-
SMELT	16,000	1,600	1,964,400	67,779	5,600	1,278
SUCKERS	126,800	11,195	140,700	1,256	4,000	491
WHITE BASS	500	322	-	-	-	-
WHITEFISH:						
COMMON	486,300	321,920	2,457,500	1,732,204	200	131
MENOMINEE	(1)	3	112,300	40,404	-	-
YELLOW PERCH	322,100	170,978	-	-	180,800	111,116
YELLOW PIKE (WALLEYE)	100	72	-	-	-	-
TOTAL	2,159,600	771,171	9,503,000	2,083,767	199,800	117,688

SPECIES	LAKE MICHIGAN - CONTINUED					
	ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	34,589,800	419,141	39,212,100	476,045
BULLHEADS	-	-	119,900	15,633	119,900	15,633
BURBOT	-	-	130,200	5,507	160,500	5,608
CARP	-	-	748,400	25,738	748,600	25,750
CATFISH	-	-	300	121	700	135
CHUBS	28,500	29,226	214,900	218,123	421,700	432,973
LAKE HERRING	-	-	1,600	938	1,600	938
LAKE TROUT	-	-	3,700	1,665	9,500	5,806
PIKE OR PICKEREL	-	-	15,600	2,803	15,600	2,803
SHEEPSHEAD	-	-	1,300	111	1,300	111
SMELT	11,700	3,366	204,300	32,345	2,186,000	104,768
SUCKERS	-	-	281,100	6,995	425,800	8,742
WHITE BASS	-	-	4,200	1,648	4,200	1,648
WHITEFISH:						
COMMON	-	-	1,612,500	1,445,577	4,070,200	3,177,912
MENOMINEE	-	-	19,700	9,486	132,000	49,890
YELLOW PERCH	224,100	186,464	448,700	446,866	853,600	744,446
YELLOW PIKE (WALLEYE)	-	-	5,900	4,910	5,900	4,910
TOTAL	264,300	219,056	38,402,100	2,637,607	48,369,200	5,058,118

SPECIES	LAKE SUPERIOR					
	MICHIGAN		WISCONSIN		MINNESOTA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BURBOT	-	-	(1)	1	-	-
CHUBS	894,600	547,468	276,700	167,324	64,400	38,082
LAKE HERRING	108,500	32,432	158,800	46,859	179,700	63,708
LAKE TROUT	128,000	74,387	155,400	102,510	32,300	26,133
SMELT	600	321	210,300	15,637	2,881,500	119,116
SUCKERS	12,300	471	18,200	1,754	-	-
WHITEFISH:						
COMMON	505,500	409,811	234,800	189,690	800	399
MENOMINEE	200	60	13,700	3,785	1,400	440
YELLOW PIKE (WALLEYE)	-	-	(1)	2	-	-
TOTAL	1,649,700	1,064,950	1,067,900	527,562	3,160,100	247,878

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKES AND STATES, 1976 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED		TOTAL, GREAT LAKES		LAKE OF THE WOODS	
	TOTAL				MINNESOTA	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	39,212,100	476,045	-	-
BOWFIN	-	-	900	69	-	-
BUFFALOFISH	-	-	93,600	29,146	-	-
BULLHEADS	-	-	212,400	35,992	600	132
BURBOT	(1)	1	160,700	5,616	92,200	1,751
CARP	-	-	4,611,200	292,785	-	-
CATFISH	-	-	643,400	288,610	-	-
CHUBS	1,235,700	752,874	1,657,400	1,185,847	-	-
CRAPPIE	-	-	58,700	43,634	-	-
EELS, COMMON	-	-	35,500	27,967	-	-
GIZZARD SHAD	-	-	619,600	30,947	-	-
GOLDFISH	-	-	133,500	6,830	-	-
LAKE HERRING	447,000	142,999	448,700	144,025	-	-
LAKE TROUT	315,700	203,030	325,500	209,012	-	-
MINNOWS	-	-	6,500	7,600	-	-
PIKE OR PICKEREL	-	-	15,600	2,803	62,800	20,901
QUILLBACK	-	-	134,700	8,698	-	-
ROCK BASS	-	-	7,400	1,594	-	-
SAUGER	-	-	-	-	26,200	9,864
SHEEPSHEAD	-	-	1,049,700	46,351	-	-
SMELT	3,092,400	135,074	5,345,400	249,357	-	-
SUCKERS	30,500	2,225	667,300	26,594	273,300	17,496
SUNFISH	-	-	6,800	2,015	-	-
TULLIBEE	-	-	-	-	185,200	15,374
WHITE BASS	-	-	1,528,500	676,002	-	-
WHITEFISH:						
COMMON	741,100	599,900	5,297,600	4,099,753	(1)	4
MENOMINEE	15,300	4,285	147,300	54,178	-	-
WHITE PERCH	-	-	45,200	13,682	-	-
YELLOW PERCH	-	-	3,113,400	2,477,524	3,300	1,140
YELLOW PIKE (WALLEYE)	(1)	2	75,300	55,767	167,600	153,324
TOTAL	5,877,700	1,840,390	65,653,900	10,498,443	811,200	219,986

SPECIES	RAINY LAKE		TOTAL, INTERNATIONAL LAKES		TOTAL, ALL LAKES	
	MINNESOTA					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	-	-	39,212,100	476,045
BOWFIN	-	-	-	-	900	69
BUFFALOFISH	-	-	-	-	93,600	29,146
BULLHEADS	-	-	600	132	213,000	36,124
BURBOT	-	-	92,200	1,751	252,900	7,367
CARP	-	-	-	-	4,611,200	292,785
CATFISH	-	-	-	-	643,400	288,610
CHUBS	-	-	-	-	1,657,400	1,185,847
CRAPPIE	-	-	-	-	58,700	43,634
EELS, COMMON	-	-	-	-	35,500	27,967
GIZZARD SHAD	-	-	-	-	619,600	30,947
GOLDFISH	-	-	-	-	133,500	6,830
LAKE HERRING	-	-	-	-	448,700	144,025
LAKE TROUT	-	-	-	-	325,500	209,012
MINNOWS	-	-	-	-	6,500	7,600
PIKE OR PICKEREL	5,400	1,739	68,200	22,640	83,800	25,443
QUILLBACK	-	-	-	-	134,700	8,698
ROCK BASS	-	-	-	-	7,400	1,594
SAUGER	(1)	4	26,200	9,868	26,200	9,868
SHEEPSHEAD	-	-	-	-	1,049,700	46,351
SMELT	-	-	-	-	5,345,400	249,357
SUCKERS	-	-	273,300	17,496	940,600	44,090
SUNFISH	-	-	-	-	6,800	2,015
TULLIBEE	-	-	185,200	15,374	185,200	15,374
WHITE BASS	-	-	-	-	1,528,500	676,002
WHITEFISH:						
COMMON	27,800	9,816	27,800	9,820	5,325,400	4,109,573
MENOMINEE	-	-	-	-	147,300	54,178
WHITE PERCH	-	-	-	-	45,200	13,682
YELLOW PERCH	-	-	3,300	1,140	3,116,700	2,478,664
YELLOW PIKE (WALLEYE)	19,200	18,907	186,800	172,231	262,100	227,998
TOTAL	52,400	30,466	863,600	250,452	66,517,500	10,748,895

1/ LESS THAN 50 POUNDS.

SUMMARY OF PROCESSED PRODUCTS, 1976

Item	Unit	Quanity	Dollars
		Thousands	
Fresh	Pounds	4,128	8,769
Frozen	do	58,071	50,080
Canned	Standard cases	522	3,345
Cured	Pounds	10,202	11,734
Industrial	-	-	(1)
Total	-	-	73,928

(1) Included with canned.

VALUE OF PROCESSED PRODUCTS, BY STATES, 1976

State	Thousand dollars
New York and Pennsylvania	370
Ohio	50,634
Michigan	1,917
Illinois	14,944
Wisconsin	5,084
Minnesota	979
Total	73,928

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1976

State	Processing			Wholesale			Total		
	Plants	Employment average		Plants	Employment average		Plants	Employment average	
		Season	Year		Season	Year		Season	Year
	Number								
New York and Pennsylvania	5	31	24	15	159	150	20	190	174
Ohio	11	450	366	12	79	78	23	529	444
Michigan	16	167	143	28	253	221	44	420	364
Illinois	9	423	398	21	353	331	30	776	729
Indiana	-	-	-	3	21	20	3	21	20
Wisconsin	19	189	172	10	116	109	29	305	281
Minnesota	3	134	64	3	57	54	6	191	118
Total	63	1,394	1,167	92	1,038	963	155	2,432	2,130

Note:--Employment is reported by each plant for each month for the payroll period that includes the 12th of the month. Employment for the season is based on the greatest number of employees working during the payroll period that included the 12th of each month. Employment for the year is obtained by adding the number of employees recorded as working during the payroll period that included the 12th of each month, and dividing by 12.

GREAT LAKES FISHERIES

PROCESSED FISHERY PRODUCTS, 1976

Item	State	Unit	Quantity	Dollars
			- - - - -Thousands- - - -	
Chubs, smoked	Illinois, Michigan, Minnesota, Ohio, and Wisconsin	Pounds	931	1,731
Herring:				
Lake:				
Fresh and frozen, fillets	Michigan and Minnesota	do	11	9
Smoked	Michigan, Minnesota, and Wisconsin	do	224	133
Sea, salted and pickled, and in wine, and cream sauces	Illinois, Michigan, Ohio, and Wisconsin	do	7,005	6,885
Lake trout:				
Fresh and frozen fillet	Illinois, Michigan, Minnesota, and Wisconsin	do	239	429
Smoked	Illinois, Michigan, Minnesota, and Wisconsin	do	44	85
Ocean perch, frozen breaded raw fillets	Illinois, Ohio and Wisconsin	do	352	315
Sablefish, smoked	Illinois, Michigan, Ohio, and Wisconsin	do	540	980
Salmon, smoked	Illinois, Michigan, Ohio, and Wisconsin	do	234	931
Sauger, fresh and frozen fillets:				
Raw	Ohio and Wisconsin	do	173	421
Breaded raw	Wisconsin	do	34	83
Snapper, red, fresh and frozen fillets	Illinois, Michigan, and Ohio	do	356	786
Whitefish:				
Fresh and frozen fillets	Illinois, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin	do	1,022	1,823
Smoked	Illinois, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin	do	204	301
Yellow perch, fresh and frozen fillets:				
Raw	Illinois, Michigan, New York, Ohio, Pennsylvania, and Wisconsin	do	2,123	5,181
Breaded raw	Illinois, Ohio, and Wsiconsin	do	513	1,364
Yellow pike, fresh and frozen fillets	Illinois, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin	do	647	1,197
Shrimp, frozen breaded raw	Illinois, Ohio, and Wisconsin	do	227	342
Scallops, sea, frozen breaded raw	Illinois, and Wisconsin	do	59	134
Unclassified:				
Fresh and frozen:				
Fillets and steaks	Illinois, Michigan, New York, Ohio, and Wisconsin	do	(1) 186	(1) 247
Other	Illinois, Michigan, New York, Ohio, and Wisconsin	do	(2) 56,225	(2) 46,518
Canned	Illinois, Michigan, and Wisconsin	Standard cases	(3) 522	(3) 3,345
Cured	Illinois, Minnesota, and Wisconsin	Pounds	(4) 1,000	(4) 688
Industrial	Wisconsin	-	-	(3)
Total		-	-	73,928

(1) Includes fillets of buffalofish, carp, cod, crappie, grouper, halibut, pike or pickerel, sea bass, turbot, and white bass; steaks of Atlantic mackerel, mullet, and sea trout. (2) Includes catfish dressed and skinned; fillets of cod, haddock, trout, pollock, yellow pike, and unclassified fish, breaded raw or cooked; American lobster meat, oysters, frog legs, fish sticks, and fish portions, breaded raw; fish portions breaded cooked and unbreaded. (3) Includes canned, anchovy, lake trout, salmon, king crab, American lobster, shrimp, surf clam, spreads, and pastes; whitefish roe; alewives, and unclassified fish for animal food; and the values of alewife meal and oil. (4) Includes, carp, catfish, eels, smelts, suckers, sturgeon, whiting, and yellow perch smoked; lake herring salted: and dried cod (Lutefisk).

Note:--Some of the products may have been processed from raw products imported from another State or a foreign country; therefore, they cannot be correlated directly with landings within the State. Certain items are shown in an intermediate and also a more advanced stage of processing.

LAKE ONTARIO - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1976

ITEM	OTTER TRAWLS	TRAP NETS	FYKE AND HOOP NETS	GILL NETS	
				2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH
	NUMBER				
FISHERMEN:					
ON VESSELS:					
PART-TIME	-	-	-	2	-
CASUAL	2	-	-	-	2
ON BOATS AND SHORE, CASUAL	-	28	16	3	-
TOTAL FISHERMEN	2	28	16	5	2
VESSELS, MOTOR:					
PART-TIME	-	-	-	1	-
CASUAL	1	-	-	-	1
TOTAL VESSELS	1	-	-	1	1
TOTAL GROSS TONNAGE	10	-	-	10	10
BOATS, MOTOR, CASUAL, TOTAL	-	14	8	3	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS	4	-	-	154	68
ON BOATS AND SHORE	-	494	302	30	-
TOTAL FISHERMEN DAYS	4	494	302	184	68
CRAFT:					
VESSELS	2	-	-	77	34
MOTORBOATS	-	247	151	30	-
TOTAL CRAFT DAYS	2	247	151	107	34
FISHING EFFORT:					
LIFTS	-	1,191	398	-	-
LIFTS PER 1,000 LINEAR YARDS	-	-	-	875	42
HOURS TRAWLED	1	-	-	-	-

SEE NOTE ON PAGE 285.

LAKE ERIE - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1976

ITEM	HAUL SEINES	OTTER TRAWLS	TRAP NETS	GILL NETS			LINES, LONG OR SET WITH HOOKS
				2-1/8-3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	
	NUMBER						
FISHERMEN:							
ON VESSELS:							
REGULAR	-	-	-	12	-	-	-
PART-TIME	-	-	8	32	3	-	2
CASUAL	4	2	14	8	8	-	1
ON BOATS AND SHORE:							
PART-TIME	18	-	4	22	2	-	16
CASUAL	64	-	10	36	13	2	9
TOTAL FISHERMEN	86	2	36	110	26	2	28
VESSELS, MOTOR:							
REGULAR	-	-	-	4	-	-	-
PART-TIME	-	-	4	15	1	-	1
CASUAL	2	1	7	7	4	-	1
TOTAL VESSELS	2	1	11	26	5	-	2
TOTAL GROSS TONNAGE	32	8	145	337	557	-	30
BOATS:							
MOTOR:							
PART-TIME	9	-	2	11	1	-	8
CASUAL	25	-	5	35	11	1	9
TOTAL MOTORBOATS	34	-	7	46	12	1	17
OTHER:							
PART-TIME	9	-	-	-	-	-	-
CASUAL	26	-	-	-	-	-	-
TOTAL OTHER BOATS	35	-	-	-	-	-	-
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS	134	2	1,172	5,768	408	-	176
ON BOATS AND SHORE	2,944	-	568	2,593	243	12	1,657
TOTAL FISHERMEN DAYS	3,078	2	1,740	8,361	651	12	1,833

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LAKE ERIE - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1976 - Continued

ITEM	HAUL SEINES	OTTER TRAWLS	TRAP NETS	GILL NETS			LINES, LONG OR SET WITH HOOKS
				2-1/8-3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	
	NUMBER						
DAYS OPERATED - CONTINUED:							
CRAFT:							
VESSELS	67	1	586	2,816	166	-	105
MOTORBOATS.	1,462	-	284	1,575	149	6	944
TOTAL CRAFT DAYS. . .	1,529	1	870	4,391	315	6	1,049
FISHING EFFORT:							
LIFTS	-	-	5,604	-	-	-	-
LIFTS PER 1,000 LINEAR YARDS.	2,070	-	-	11,915	595	8	-
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET . . .	-	-	-	-	-	-	480
HOURS TRAWLED	-	2	-	-	-	-	-

SEE NOTE ON PAGE 285.

LAKE HURON - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1976

ITEM	HAUL SEINES	POUND NETS	TRAP NETS	GILL NETS, 7-1/8 - 14 INCH MESH	LINES, LONG OR SET WITH HOOKS
	NUMBER				
FISHERMEN:					
ON VESSELS:					
REGULAR	-	-	6	-	-
PART-TIME	2	-	10	-	2
CASUAL.	-	-	4	2	-
ON BOATS AND SHORE:					
REGULAR	-	-	3	-	-
PART-TIME	5	-	13	3	16
CASUAL.	10	2	18	15	6
TOTAL FISHERMEN . . .	17	2	54	20	24
VESSELS, MOTOR:					
REGULAR	-	-	2	-	-
PART-TIME	1	-	5	-	1
CASUAL.	-	-	2	1	-
TOTAL VESSELS	1	-	9	1	1
TOTAL GROSS TONNAGE .	9	-	94	9	9
BOATS:					
MOTOR:					
REGULAR	-	-	1	-	-
PART-TIME	2	-	6	1	8
CASUAL.	5	1	9	8	3
TOTAL MOTORBOATS. . .	7	1	16	9	11
OTHER:					
PART-TIME	3	-	-	-	-
CASUAL.	5	-	-	-	-
TOTAL OTHER BOATS . .	8	-	-	-	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS.	52	-	2,359	98	258
ON BOATS AND SHORE. . .	564	90	2,453	565	1,788
TOTAL FISHERMEN DAYS.	616	90	4,812	663	2,046
CRAFT:					
VESSELS	26	-	961	49	129
MOTORBOATS.	249	45	1,076	243	907
TOTAL CRAFT DAYS. . .	275	45	2,037	292	1,036
FISHING EFFORT:					
LIFTS	-	125	9,093	-	-
LIFTS PER 1,000 LINEAR YARDS.	163	-	-	748	-
LIFTS PER 1,000 HOOKS, LONG OR SET.	-	-	-	-	677

SEE NOTE ON PAGE 285.

LAKE MICHIGAN - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1976

ITEM	HAUL SEINES	OTTER TRAWLS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER				
FISHERMEN:					
ON VESSELS:					
REGULAR	-	6	-	-	-
PART-TIME	-	10	9	22	5
CASUAL.	-	4	22	14	11
ON BOATS AND SHORE:					
REGULAR	-	-	-	-	3
PART-TIME	2	2	12	6	20
CASUAL.	-	2	30	10	34
TOTAL FISHERMEN . . .	2	24	73	52	73
VESSELS, MOTOR:					
REGULAR	-	2	-	-	-
PART-TIME	-	5	4	10	2
CASUAL.	-	2	9	6	5
TOTAL VESSELS	-	9	13	16	7
TOTAL GROSS TONNAGE .	-	269	230	289	96
BOATS:					
MOTOR:					
REGULAR	-	-	-	-	1
PART-TIME	1	1	6	3	10
CASUAL.	-	1	15	5	17
TOTAL MOTORBOATS. . .	1	2	21	8	28
OTHER, PART-TIME, TOTAL .	1	-	-	-	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS.	-	2,106	1,456	2,365	710
ON BOATS AND SHORE. . .	118	198	1,716	680	2,719
TOTAL FISHERMEN DAYS.	118	2,304	3,172	3,045	3,429
CRAFT:					
VESSELS	-	887	593	1,075	290
MOTORBOATS.	59	84	857	340	1,279
TOTAL CRAFT DAYS. . .	59	971	1,450	1,415	1,569
FISHING EFFORT:					
LIFTS	-	-	3,082	5,736	10,200
LIFTS PER 1,000 LINEAR YARDS.	38	-	-	-	-
HOURS TRAWLED	-	5,685	-	-	-

ITEM	GILL NETS			
	1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH
	NUMBER			
FISHERMEN:				
ON VESSELS:				
REGULAR	-	12	30	-
PART-TIME	-	48	65	-
CASUAL.	8	75	29	-
ON BOATS AND SHORE:				
REGULAR	-	-	6	-
PART-TIME	-	33	12	4
CASUAL.	18	109	81	5
TOTAL FISHERMEN . . .	26	277	223	9
VESSELS, MOTOR:				
REGULAR	-	4	10	-
PART-TIME	-	22	28	-
CASUAL.	3	42	19	-
TOTAL VESSELS	3	68	57	-
TOTAL GROSS TONNAGE .	56	1,632	1,271	-
BOATS, MOTOR:				
REGULAR	-	-	2	-
PART-TIME	-	16	6	2
CASUAL.	12	94	64	5
TOTAL MOTORBOATS. . .	12	110	72	7

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LAKE MICHIGAN - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1976 - Continued

ITEM	GILL NETS			
	1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH
	NUMBER			
DAYS OPERATED:				
FISHERMEN:				
ON VESSELS.	186	8,135	12,718	-
ON BOATS AND SHORE. . .	325	4,801	3,636	398
TOTAL FISHERMEN DAYS.	511	12,936	16,354	398
CRAFT:				
VESSELS	75	3,632	5,093	-
MOTORBOATS.	213	2,912	1,957	253
TOTAL CRAFT DAYS. . .	288	6,544	7,050	253
FISHING EFFORT:				
LIFTS PER 1,000 LINEAR YARDS.	187	13,438	21,252	209

SEE NOTE ON PAGE 285.

LAKE SUPERIOR - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1976

ITEM	HAUL SEINES	OTTER TRAWLS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER				
FISHERMEN:					
ON VESSELS:					
PART-TIME	-	-	2	9	-
CASUAL.	-	-	6	6	2
ON BOATS AND SHORE:					
PART-TIME	-	4	2	-	-
CASUAL.	2	-	14	6	-
TOTAL FISHERMEN . . .	2	4	24	21	2
VESSELS, MOTOR:					
PART-TIME	-	-	1	4	-
CASUAL.	-	-	3	3	1
TOTAL VESSELS	-	-	4	7	1
TOTAL GROSS TONNAGE .	-	-	82	159	20
BOATS:					
MOTOR:					
PART-TIME	-	2	1	-	-
CASUAL.	1	-	7	3	-
TOTAL MOTORBOATS. . .	1	2	8	3	-
OTHER, CASUAL, TOTAL. . .	1	-	-	-	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS.	-	-	272	864	2
ON BOATS AND SHORE. . .	20	318	562	168	-
TOTAL FISHERMEN DAYS.	20	318	834	1,032	2
CRAFT:					
VESSELS	-	-	136	394	1
MOTORBOATS.	10	159	281	84	-
TOTAL CRAFT DAYS. . .	10	159	417	478	1
FISHING EFFORT:					
LIFTS	-	-	1,241	1,766	2
LIFTS PER 1,000 LINEAR YARDS.	3	-	-	-	-
HOURS TRAWLED	-	296	-	-	-

ITEM	GILL NETS			DIP NETS
	1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	
	NUMBER			
FISHERMEN:				
ON VESSELS:				
REGULAR	-	3	-	-
PART-TIME	-	42	26	-
CASUAL.	2	32	30	5

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LAKE SUPERIOR - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1976 - Continued

ITEM	GILL NETS			DIP NETS
	1-1/4 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	
	NUMBER			
FISHERMEN - CONTINUED:				
ON BOATS AND SHORE:				
PART-TIME	-	24	4	-
CASUAL	3	36	27	5
TOTAL FISHERMEN	5	137	87	10
VESSELS, MOTOR:				
REGULAR	-	1	-	-
PART-TIME	-	20	12	-
CASUAL	2	17	17	-
TOTAL VESSELS	2	38	29	5
TOTAL GROSS TONNAGE	32	837	634	30
BOATS, MOTOR:				
PART-TIME	-	12	2	-
CASUAL	3	31	22	3
TOTAL MOTORBOATS	3	43	24	3
DAYS OPERATED:				
FISHERMEN:				
ON VESSELS	11	5,794	2,577	55
ON BOATS AND SHORE	72	2,688	1,031	27
TOTAL FISHERMEN DAYS	83	8,482	3,608	82
CRAFT:				
VESSELS	11	2,676	1,295	22
MOTORBOATS	72	1,559	716	14
TOTAL CRAFT DAYS	83	4,235	2,011	36
FISHING EFFORT:				
LIFTS PER 1,000 LINEAR YARDS	8	7,524	3,444	-
DAYS FISHED, DIP NETS	-	-	-	36

SEE NOTE ON PAGE 285.

LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE OPERATING UNITS AND FISHING EFFORT BY GEAR, 1976

ITEM	POUND NETS	TRAP NETS	FYKE AND HOOP NETS	GILL NETS, 4 - 7 INCH MESH
	NUMBER			
FISHERMEN, ON BOATS AND SHORE:				
PART-TIME	4	-	-	24
CASUAL	2	4	2	5
TOTAL FISHERMEN	6	4	2	29
BOATS, MOTOR:				
PART-TIME	2	-	-	12
CASUAL	1	2	1	4
TOTAL MOTORBOATS	3	2	1	16
DAYS OPERATED:				
ON BOATS AND SHORE, TOTAL	400	92	30	3,214
CRAFT, MOTORBOATS, TOTAL	200	46	15	1,654
FISHING EFFORT:				
LIFTS	954	134	34	-
LIFTS PER 1,000 LINEAR YARDS	-	-	-	1,554

SEE NOTE ON PAGE 285.

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1976

SPECIES	LAKE ONTARIO					
	NEW YORK					
	OTTER TRAWLS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BULLHEADS	-	-	16,900	7,183	1,800	1,040
CARP	-	-	4,000	183	400	20
CATFISH	-	-	1,700	378	600	113
CRAPPIE	-	-	3,000	1,289	100	21
EELS, COMMON	900	546	34,600	27,417	(1)	4
LAKE HERRING	-	-	(1)	12	-	-
ROCK BASS	-	-	4,400	727	500	88
SHEEPSHEAD	-	-	300	14	(1)	1
SMELT	200	75	-	-	-	-
SUCKERS	-	-	3,300	131	200	8
SUNFISH	-	-	6,600	2,000	200	15
WHITE BASS	-	-	100	17	-	-
WHITE PERCH	-	-	9,700	1,723	300	3
YELLOW PERCH	-	-	19,800	4,724	3,500	1,237
YELLOW PIKE (WALLEYE)	-	-	300	166	(1)	5
TOTAL	1,100	621	104,700	45,964	7,600	2,555

SPECIES	LAKE ONTARIO - CONTINUED				LAKE ERIE	
	NEW YORK - CONTINUED				NEW YORK	
	GILL NETS, 2-1/8 - 3-7/8 INCH MESH		TOTAL		GILL NETS 2-1/8 - 3-7/8 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BULLHEADS	-	-	18,700	8,223	-	-
CARP	600	26	5,000	229	900	89
CATFISH	400	100	2,700	591	100	34
CRAPPIE	-	-	3,100	1,310	-	-
EELS	-	-	35,500	27,967	-	-
LAKE HERRING	-	-	(1)	12	-	-
ROCK BASS	2,300	728	7,200	1,543	200	51
SHEEPSHEAD	-	-	300	15	23,100	1,637
SMELT	12,100	6,068	12,300	6,143	800	385
SUCKERS	600	25	4,100	164	8,800	355
SUNFISH	-	-	6,800	2,015	-	-
WHITE BASS	100	15	200	32	5,800	1,063
WHITE PERCH	35,200	11,956	45,200	13,682	-	-
YELLOW PERCH	29,200	23,510	52,500	29,471	138,500	105,655
YELLOW PIKE (WALLEYE)	-	-	300	171	5,100	3,755
TOTAL	80,500	42,428	193,900	91,568	183,300	113,024

SPECIES	LAKE ERIE - CONTINUED					
	NEW YORK - CONTINUED					
	GILL NETS - CONTINUED				TOTAL	
	4 - 7 INCH MESH		7-1/8 - 14 INCH MESH			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CARP	800	65	18,000	1,800	19,700	1,954
CATFISH	200	76	-	-	300	110
ROCK BASS	-	-	-	-	200	51
SHEEPSHEAD	47,200	1,257	-	-	70,300	2,894
SMELT	(1)	20	-	-	800	405
SUCKERS	7,200	287	-	-	16,000	642
WHITE BASS	1,600	578	-	-	7,400	1,641
YELLOW PERCH	400	284	-	-	138,900	105,939
YELLOW PIKE (WALLEYE)	60,200	44,154	-	-	65,300	47,909
TOTAL	117,600	46,721	18,000	1,800	318,900	161,545

SPECIES	LAKE ERIE - CONTINUED					
	PENNSYLVANIA					
	HAUL SEINES, COMMON		GILL NETS			
			2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BURBOT	-	-	-	-	200	7
CARP	-	-	(1)	1	-	-
CATFISH	-	-	100	25	(1)	3
LAKE TROUT	-	-	200	108	100	68
MINNOWS	6,500	7,600	-	-	-	-
SHEEPSHEAD	-	-	7,900	103	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1976 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	PENNSYLVANIA					
	HAUL SEINES, COMMON		GILL NETS			
			2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SMELT	-	-	3,000	436	100	5
SUCKERS	-	-	400	18	200	9
WHITE BASS	-	-	3,300	514	(1)	4
WHITEFISH, COMMON	-	-	(1)	9	(1)	12
YELLOW PERCH	-	-	306,900	239,092	(1)	26
YELLOW PIKE (WALLEYE)	-	-	3,000	2,192	700	507
TOTAL	6,500	7,600	324,800	242,498	1,300	641

SPECIES	LAKE ERIE - CONTINUED					
	PENNSYLVANIA - CONTINUED				OHIO	
	LINES, LONG OR SET WITH HOOKS		TOTAL		HAUL SEINES	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	-	-	-	-	15,900	4,656
BULLHEADS	-	-	-	-	31,300	5,294
BURBOT	-	-	200	7	-	-
CARP	-	-	(1)	1	2,514,500	154,383
CATFISH	800	151	900	179	152,400	82,107
GIZZARD SHAD	-	-	-	-	525,600	26,281
GOLDFISH	-	-	-	-	133,500	6,830
LAKE TROUT	-	-	300	176	-	-
MINNOWS	-	-	6,500	7,600	-	-
QUILLBACK	-	-	-	-	78,500	4,489
SHEEPSHEAD	200	3	8,100	106	401,400	24,613
SMELT	-	-	3,100	441	-	-
SUCKERS	(1)	1	600	28	16,300	1,047
WHITE BASS	-	-	3,300	518	792,200	347,960
WHITEFISH, COMMON	-	-	(1)	21	-	-
YELLOW PERCH	(1)	5	306,900	239,123	13,600	13,286
YELLOW PIKE (WALLEYE)	(1)	4	3,700	2,703	-	-
TOTAL	1,000	164	333,600	250,903	4,675,200	670,946

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED					
	TRAP NETS		GILL NETS, 2-1/8 - 3-7/8 INCH MESH		LINES, LONG OR SET WITH HOOKS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	13,700	4,036	-	-	-	-
BULLHEADS	11,200	1,690	300	22	(1)	2
CARP	119,400	5,839	500	24	100	4
CATFISH	46,400	24,686	600	247	23,800	11,744
GIZZARD SHAD	5,000	216	73,600	3,674	-	-
QUILLBACK	48,700	2,538	(1)	4	-	-
SHEEPSHEAD	241,300	11,855	309,000	4,890	600	22
SMELT	-	-	34,800	926	-	-
SUCKERS	42,500	2,333	3,900	164	-	-
WHITE BASS	656,100	292,638	51,100	26,367	-	-
YELLOW PERCH	95,200	75,799	1,329,700	1,097,980	(1)	9
TOTAL	1,279,500	421,630	1,803,500	1,134,298	24,500	11,781

SPECIES	LAKE ERIE - CONTINUED							
	OHIO - CONTINUED		MICHIGAN					
	TOTAL		HAUL SEINES		TRAP NETS		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BUFFALOFISH	29,600	8,692	64,000	20,454	-	-	64,000	20,454
BULLHEADS	42,800	7,008	1,000	221	(1)	13	1,000	234
CARP	2,634,500	160,250	482,400	41,187	5,000	257	487,400	41,444
CATFISH	223,200	118,784	36,200	17,941	500	222	36,700	18,163
GIZZARD SHAD	604,200	30,171	10,000	150	-	-	10,000	150
GOLDFISH	133,500	6,830	-	-	-	-	-	-
QUILLBACK	127,200	7,031	-	-	-	-	-	-
SHEEPSHEAD	952,300	41,380	-	-	4,000	225	4,000	225
SMELT	34,800	926	-	-	-	-	-	-
SUCKERS	62,700	3,544	-	-	800	54	800	54
WHITE BASS	1,499,400	666,965	6,000	2,375	7,500	2,501	13,500	4,876
YELLOW PERCH	1,438,500	1,187,074	-	-	900	493	900	493
TOTAL	7,782,700	2,238,655	599,600	82,328	18,700	3,765	618,300	86,093

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1976 - Continued

SPECIES	LAKE HURON					
	MICHIGAN					
	HAUL SEINES		POUND NETS		TRAP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	-	-	-	-	900	69
BULLHEADS	900	131	-	-	29,100	4,763
CARP	212,500	16,215	-	-	160,000	9,546
CATFISH	69,000	33,384	-	-	197,300	83,211
CRAPPIE	-	-	-	-	55,600	42,324
GIZZARD SHAD	-	-	-	-	5,400	626
LAKE HERRING	-	-	-	-	100	76
QUILLBACK	-	-	-	-	7,200	1,632
SHEEPSHEAD	900	141	-	-	12,500	1,478
SMELT	-	-	-	-	16,000	1,600
SUCKERS	600	60	-	-	125,500	11,076
WHITE BASS	-	-	-	-	500	322
WHITEFISH:						
COMMON	-	-	22,100	12,759	464,200	309,161
MENOMINEE	-	-	-	-	(1)	3
YELLOW PERCH	1,100	532	-	-	321,000	170,446
YELLOW PIKE (WALLEYE)	-	-	-	-	100	72
TOTAL	285,000	50,463	22,100	12,759	1,395,400	636,405

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS, 7-1/8 - 14 INCH MESH		LINES, LONG OR SET WITH HOOKS		TOTAL	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BOWFIN	-	-	-	-	900	69
BULLHEADS	-	-	-	-	30,000	4,894
CARP	343,400	37,391	100	5	716,000	63,157
CATFISH	(1)	8	112,600	34,045	378,900	150,648
CRAPPIE	-	-	-	-	55,600	42,324
GIZZARD SHAD	-	-	-	-	5,400	626
LAKE HERRING	-	-	-	-	100	76
QUILLBACK	300	35	-	-	7,500	1,667
SHEEPSHEAD	-	-	(1)	1	13,400	1,620
SMELT	-	-	-	-	16,000	1,600
SUCKERS	700	59	-	-	126,800	11,195
WHITE BASS	-	-	-	-	500	322
WHITEFISH:						
COMMON	-	-	-	-	486,300	321,920
MENOMINEE	-	-	-	-	(1)	3
YELLOW PERCH	-	-	-	-	322,100	170,978
YELLOW PIKE (WALLEYE)	-	-	-	-	100	72
TOTAL	344,400	37,493	112,700	34,051	2,159,600	771,171

SPECIES	LAKE MICHIGAN					
	MICHIGAN					
	OTTER TRAWLS		POUND NETS		TRAP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	21,500	428	4,589,900	56,342	-	-
BURBOT	-	-	18,400	62	2,200	7
CARP	-	-	100	6	(1)	1
SMELT	4,700	164	1,947,000	66,071	-	-
SUCKERS	600	6	10,600	59	41,200	381
WHITEFISH:						
COMMON	8,200	8,041	188,700	99,181	1,549,700	1,021,381
MENOMINEE	-	-	-	-	600	204
TOTAL	35,000	8,639	6,754,700	221,721	1,593,700	1,021,974

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS					
	1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	4,800	58	4,600	57
BURBOT	-	-	1,200	4	8,500	28
CARP	-	-	(1)	2	100	3
CHUBS	-	-	176,700	185,033	-	-
LAKE TROUT	-	-	100	49	(1)	44
SMELT	1,500	1,130	800	47	10,400	367
SUCKERS	-	-	18,600	166	69,700	644
WHITEFISH:						
COMMON	-	-	-	-	710,900	603,601
MENOMINEE	-	-	108,000	38,971	3,700	1,229
TOTAL	1,500	1,130	310,200	224,330	807,900	605,973

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1976 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED							
	MICHIGAN - CONTINUED		INDIANA					
	TOTAL		GILL NETS				TOTAL	
			1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	4,620,800	56,885	-	-	1,500	19	1,500	19
BURBOT	30,300	101	-	-	-	-	-	-
CARP	200	12	-	-	-	-	-	-
CATFISH	-	-	-	-	400	14	400	14
CHUBS	176,700	185,033	-	-	1,600	591	1,600	591
LAKE TROUT	100	93	-	-	5,700	4,048	5,700	4,048
SMELT	1,964,400	67,779	-	-	5,600	1,278	5,600	1,278
SUCKERS	140,700	1,256	-	-	4,000	491	4,000	491
WHITEFISH:								
COMMON	2,457,500	1,732,204	-	-	200	131	200	131
MENOMINEE	112,300	40,404	-	-	-	-	-	-
YELLOW PERCH	-	-	600	195	180,200	110,921	180,800	111,116
TOTAL	9,503,000	2,083,767	600	195	199,200	117,493	199,800	117,688

SPECIES	LAKE MICHIGAN - CONTINUED					
	ILLINOIS		WISCONSIN			
	2-1/8 - 3-7/8 INCH MESH		HAUL SEINES		OTTER TRAWLS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	-	-	27,584,400	338,996
BURBOT	-	-	-	-	7,700	80
CARP	-	-	484,600	10,588	48,600	788
CHUBS	28,500	29,226	-	-	(1)	15
SMELT	11,700	3,366	-	-	47,600	9,371
SUCKERS	-	-	-	-	107,000	2,025
WHITEFISH, COMMON	-	-	-	-	(1)	13
YELLOW PERCH	224,100	186,464	-	-	100	61
YELLOW PIKE (WALLEYE)	-	-	-	-	(1)	1
TOTAL	264,300	219,056	484,600	10,588	27,795,400	351,350

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	6,696,600	77,296	-	-	102,900	727
BULLHEADS	-	-	-	-	117,800	15,388
BURBOT	-	-	-	-	50,200	4,034
CARP	-	-	(1)	8	43,200	907
CATFISH	-	-	-	-	300	121
PIKE OR PICKEREL	200	27	-	-	11,200	1,943
SHEEPSHEAD	-	-	-	-	1,300	111
SMELT	101,200	9,206	-	-	8,700	955
SUCKERS	5,200	77	200	10	103,900	2,916
WHITE BASS	-	-	-	-	4,100	1,625
WHITEFISH:						
COMMON	277,600	209,253	35,100	24,090	-	-
MENOMINEE	1,000	498	-	-	-	-
YELLOW PERCH	600	517	-	-	219,400	215,657
YELLOW PIKE	(1)	4	-	-	5,000	4,093
TOTAL	7,082,400	296,878	35,300	24,108	668,000	248,477

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	GILL NETS					
	1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	179,100	1,969	25,100	132	1,700	21
BULLHEADS	-	-	2,100	245	-	-
BURBOT	-	-	2,000	50	70,200	1,339
CARP	-	-	200	3	1,300	37
CHUBS	-	-	208,600	212,142	6,300	5,966
LAKE HERRING	-	-	200	52	1,400	886
LAKE TROUT	-	-	100	28	3,600	1,637
PIKE OR PICKEREL	-	-	600	82	3,600	751
SMELT	35,100	11,171	3,900	810	7,800	832
SUCKERS	100	1	13,100	396	51,600	1,570
WHITE BASS	-	-	-	-	100	23
WHITEFISH:						
COMMON	300	250	100	33	1,299,400	1,211,938
MENOMINEE	100	69	18,300	8,789	300	130
YELLOW PERCH	(1)	21	228,600	230,602	(1)	8
YELLOW PIKE (WALLEYE)	-	-	300	345	600	467
TOTAL	214,700	13,481	503,200	453,709	1,447,900	1,225,605

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1976 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED				LAKE SUPERIOR	
	WISCONSIN - CONTINUED				MICHIGAN	
	GILL NETS - CONTINUED		TOTAL		HAUL SEINES	
	7-1/8 - 14 INCH MESH					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ALEWIVES	-	-	34,589,800	419,141	-	-
BULLHEADS	-	-	119,900	15,633	-	-
BURBOT	100	4	130,200	5,507	-	-
CARP	170,500	13,407	748,400	25,738	-	-
CATFISH	-	-	300	121	-	-
CHUBS	-	-	214,900	218,123	-	-
LAKE HERRING	-	-	1,600	938	-	-
LAKE TROUT	-	-	3,700	1,665	-	-
PIKE OR PICKEREL	-	-	15,600	2,803	-	-
SHEEPSHEAD	-	-	1,300	111	-	-
SMELT	-	-	204,300	32,345	-	-
SUCKERS	-	-	281,100	6,995	3,100	135
WHITE BASS	-	-	4,200	1,648	-	-
WHITEFISH:						
COMMON	-	-	1,612,500	1,445,577	900	377
MENOMINEE	-	-	19,700	9,486	200	49
YELLOW PERCH	-	-	448,700	446,866	-	-
YELLOW PIKE	-	-	5,900	4,910	-	-
TOTAL	170,600	13,411	38,402,100	2,637,607	4,200	561

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	POUND NETS		TRAP NETS		GILL NETS	
					1-1/4 - 2 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
LAKE TROUT	-	-	500	461	-	-
SMELT	-	-	-	-	600	313
SUCKERS	-	-	6,100	264	-	-
WHITEFISH:						
COMMON	1,300	774	329,100	271,269	(1)	1
MENOMINEE	-	-	-	-	(1)	8
TOTAL	1,300	774	335,700	271,994	600	322

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS				TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CHUBS	894,600	547,468	-	-	894,600	547,468
LAKE HERRING	107,100	31,800	1,400	632	108,500	32,432
LAKE TROUT	72,100	34,414	55,400	39,512	128,000	74,387
SMELT	(1)	3	(1)	5	600	321
SUCKERS	(1)	2	3,100	70	12,300	471
WHITEFISH:						
COMMON	100	24	174,100	137,366	505,500	409,811
MENOMINEE	-	-	(1)	3	200	60
TOTAL	1,073,900	613,711	234,000	177,588	1,649,700	1,064,950

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN					
	POUND NETS		TRAP NETS		GILL NETS	
					1-1/4 - 2 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
LAKE HERRING	91,200	26,923	200	39	(1)	4
LAKE TROUT	4,200	4,160	300	208	-	-
SMELT	181,100	8,308	-	-	29,100	7,322
SUCKERS	3,700	155	1,500	115	-	-
WHITEFISH, COMMON	112,000	90,663	27,700	15,187	-	-
TOTAL	392,200	130,209	29,700	15,549	29,100	7,326

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1976 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN - CONTINUED					
	GILL NETS - CONTINUED				TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BURBOT	-	-	(1)	1	(1)	1
CHUBS	276,200	167,015	500	309	276,700	167,324
LAKE HERRING	67,000	19,791	400	102	158,800	46,859
LAKE TROUT	28,100	14,496	122,800	83,646	155,400	102,510
SMELT	(1)	1	100	6	210,300	15,637
SUCKERS	1,300	187	11,700	1,297	18,200	1,754
WHITEFISH:						
COMMON	200	132	94,900	83,708	234,800	189,690
MENOMINEE	13,700	3,765	(1)	20	13,700	3,785
YELLOW PIKE (WALLEYE)	-	-	(1)	2	(1)	2
TOTAL	386,500	205,387	230,400	169,091	1,067,900	527,562

SPECIES	LAKE SUPERIOR - CONTINUED							
	MINNESOTA							
	OTTER TRAWLS		POUND NETS		GILL NETS			
					1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 IN. MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CHUBS	(1)	8	-	-	-	-	64,400	38,074
LAKE HERRING	500	186	-	-	1,400	512	177,800	63,010
LAKE TROUT	100	81	-	-	-	-	-	-
SMELT	795,700	28,643	1,136,400	46,851	-	-	300	14
WHITEFISH:								
COMMON	(1)	3	-	-	-	-	(1)	1
MENOMINEE	(1)	1	-	-	-	-	1,400	439
TOTAL	796,300	28,922	1,136,400	46,851	1,400	512	243,900	101,538

SPECIES	LAKE SUPERIOR - CONTINUED					
	MINNESOTA - CONTINUED					
	GILL NETS - CONTINUED		DIP NETS		TOTAL	
	4 - 7 INCH MESH					
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CHUBS	-	-	-	-	64,400	38,082
LAKE HERRING	-	-	-	-	179,700	63,708
LAKE TROUT	32,200	26,052	-	-	32,300	26,133
SMELT	-	-	949,100	43,608	2,881,500	119,116
WHITEFISH:						
COMMON	800	395	-	-	800	399
MENOMINEE	-	-	-	-	1,400	440
TOTAL	33,000	26,447	949,100	43,608	3,160,100	247,878

SPECIES	LAKE OF THE WOODS					
	MINNESOTA					
	POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BULLHEADS	100	22	-	-	500	98
BURBOT	28,300	538	46,700	887	200	2
PIKE OR PICKEREL	16,100	5,353	700	236	300	103
SAUGER	10,200	3,836	500	171	-	-
SUCKERS	19,200	1,228	2,600	172	600	38
TULLIBEE	74,900	6,218	32,300	2,682	-	-
YELLOW PERCH	1,300	449	500	154	200	80
YELLOW PIKE (WALLEYE)	22,400	20,528	7,900	7,229	300	282
TOTAL	172,500	38,172	91,200	11,531	2,100	603

SPECIES	LAKE OF THE WOODS				RAINY LAKE	
	MINNESOTA				MINNESOTA	
	GILL NETS, 4 - 7 INCH MESH		TOTAL		GILL NETS, 4 - 7 INCH MESH	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BULLHEADS	(1)	12	600	132	-	-
BURBOT	17,000	324	92,200	1,751	-	-
PIKE OR PICKEREL	45,700	15,209	62,800	20,901	5,400	1,739
SAUGER	15,500	5,857	26,200	9,864	(1)	4
SUCKERS	250,900	16,058	273,300	17,496	-	-
TULLIBEE	78,000	6,474	185,200	15,374	-	-
WHITEFISH, COMMON	(1)	4	(1)	4	27,800	9,816
YELLOW PERCH	1,300	457	3,300	1,140	-	-
YELLOW PIKE (WALLEYE)	137,000	125,285	167,600	153,324	19,200	18,907
TOTAL	545,400	169,680	811.200	219,986	52,400	30,466

1/ LESS THAN 50 POUNDS.

SECTION 9

MISSISSIPPI RIVER FISHERIES

Commercial landings of fish and shellfish from the waters of the Mississippi River and tributaries were 70.7 million pounds valued at $14.4 million, decreases of 3 percent in volume and 4 percent in value from 1975. Landings decreased for several major species of fish and shellfish. Landings of buffalofish (21.0 million pounds) decreased 10 percent; catfish and bullheads (10.9 million), 16 percent; shad (1.2 million), 21 percent; sheepshead (5.2 million), 4 percent; and crawfish (5.8 million pounds), 13 percent. Landings of carp (18.7 million pounds) increased 22 percent and mussel shells (3.1 million pounds) increased 50 percent over 1975.

Buffalofish, carp, catfish and bullheads, shad, sheepshead, crawfish, and mussel shells accounted for 93 percent of the volume and 92 percent of the value. The landings were made by 11,713 fishermen, using 10,842 motorboats and 194 other boats. This was a decrease of 1,280 fishermen, 1,369 motorboats, and 88 other boats compared with 1975.

Louisiana was the leading State in volume with 13.7 million pounds, followed by Wisconsin (10.7 million); Arkansas (6.4 million): Minnesota (6.0 million); and Tennessee (5.4 million pounds).

The value of processed products was $66.1 million--$4.8 million more than in 1975. Frozen packaged fishery products valued at $38.4 million were 58 percent of the total value of processed items. There were 2,571 persons employed in 356 wholesaling and processing plants in 23 States in 1976.

Other information. This report contains summary tables on operating units and landings in the Mississippi River Fisheries. Complete statistics by State on operating units, landings of catch by gear, and landings by waters are on file in the Washington Office of the Resource Statistics Division.

Acknowledgments. The following organizations helped collect the data appearing in this section; Alabama Department of Conservation, Division of Game and Fish; Arkansas Game and Fish Commission, Division of Fisheries; Idaho Fish and Game Department; Illinois Department of Conservation, Division of Fisheries; Indiana Department of Conservation, Division of Fish and Game, Section of Fish Management; Iowa State Conservation Commission, Division of Fish and Game; Kansas Forestry, Fish and Game Commission, Fisheries Division; Kentucky Department of Fish and Wildlife Resources; Louisiana Section of Fisheries; Minnesota Department of Conservation, Division of Game and Fish, Section of Fisheries; Mississippi Game and Fish Commission; Missouri Conservation Commission; Montana Department of Fish and Game, Fisheries Management; Nebraska Game, Forestation and Parks Commission, Fishery Division; North Dakota Game and Fish Department, Fisheries Division; Oklahoma Department of Wildlife Conservation, Division of Fisheries; South Dakota Department of Game, Fish and Parks; Tennessee Game and Fish Commission, Fish Management Division; Texas Game and Fish Commission, Inland Fisheries; West Virginia Department of Natural Resources; Wisconsin Conservation Department, Fish Management Division; and the Tennessee Valley Authority, Fish and Game Branch.

MISSISSIPPI RIVER FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1976

STATE	FISH		SHELLFISH ET AL.		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALABAMA	1,521	444	60	12	1,581	456
ARKANSAS	6,076	1,953	346	46	6,422	1,999
IDAHO	433	31	-	-	433	31
ILLINOIS	3,419	617	-	-	3,419	617
INDIANA	37	13	-	-	37	13
IOWA	4,562	863	-	-	4,562	863
KANSAS	28	8	-	-	28	8
KENTUCKY	2,793	831	40	8	2,833	839
LOUISIANA	7,848	1,409	5,901	1,801	13,749	3,210
MINNESOTA	5,962	1,044	-	-	5,962	1,044
MISSISSIPPI	3,676	879	-	-	3,676	879
MISSOURI	1,024	221	-	-	1,024	221
MONTANA	674	76	-	-	674	76
NEBRASKA	105	18	-	-	105	18
NORTH DAKOTA	841	93	-	-	841	93
OKLAHOMA	522	173	1,630	331	2,152	504
SOUTH DAKOTA	3,032	324	-	-	3,032	324
TENNESSEE	4,294	1,037	1,090	212	5,384	1,249
TEXAS	3,978	922	3	1	3,981	923
WEST VIRGINIA	44	11	-	-	44	11
WISCONSIN	10,713	1,001	6	2	10,719	1,003
TOTAL	61,582	11,968	9,076	2,413	70,658	14,381

SUMMARY OF OPERATING UNITS, 1976

ITEM	ALABAMA	ARKANSAS	IDAHO	ILLINOIS	INDIANA	IOWA	KANSAS	KENTUCKY
	NUMBER							
FISHERMEN, ON BOATS AND SHORE:								
FULL-TIME	94	259	3	45	-	141	-	108
PART-TIME	66	3,194	-	192	13	443	13	527
TOTAL	160	3,453	3	237	13	584	13	635
BOATS:								
MOTOR	160	3,393	3	217	13	501	13	587
OTHER	-	-	-	11	-	51	-	-
GEAR:								
HAUL SEINES, COMMON	-	-	6	12	-	39	1	-
WEIRS	-	-	-	-	-	4	-	-
FYKE AND HOOP NETS, FISH	-	7,010	-	4,036	36	4,458	48	720
POTS AND TRAPS, WIRE BASKETS	490	-	-	883	-	6,127	-	-
GILL NETS, ANCHOR, SET, OR STAKE	440	1,744	-	10	-	698	-	300
TRAMMEL NETS	69	1,747	-	141	25	792	10	460
LINES:								
LONG OR SET WITH HOOKS	1,071	2,931	-	212	28	3,444	13	820
SNAG	287	633	-	-	-	-	-	-
DIP NETS, COMMON	4	-	-	-	-	-	-	32
CROWFOOT BARS	-	25	-	-	-	-	-	12
DIVING OUTFITS	6	20	-	-	-	-	-	-

ITEM	LOUISIANA	MINNESOTA	MISSISSIPPI	MISSOURI	MONTANA	NEBRASKA	NORTH DAKOTA	OKLAHOMA
	NUMBER							
FISHERMEN, ON BOATS AND SHORE:								
FULL-TIME	339	166	180	121	64	22	4	135
PART-TIME	1,151	433	881	887	1	150	4	15
TOTAL	1,490	599	1,061	1,008	65	172	8	150
BOATS:								
MOTOR	1,483	400	999	960	11	152	4	56
OTHER	-	47	2	37	-	8	-	-
GEAR:								
HAUL SEINES, COMMON	45	81	3	8	5	8	4	-
POUND NETS, FISH	-	-	-	-	23	-	-	-
FYKE AND HOOP NETS, FISH	26,973	2,540	4,800	2,444	-	312	30	-
POTS AND TRAPS:								
CRAWFISH	63,152	-	-	-	-	-	-	-
FISH	4,824	-	-	-	-	-	-	-
SHRIMP	215	-	-	-	-	-	-	-
TURTLE	65	-	-	-	-	-	-	-
WIRE BASKETS	-	-	-	-	-	163	-	-
GILL NETS, ANCHOR, SET OR STAKE	1,001	477	1,015	53	2	-	2	320
TRAMMEL NETS	675	-	128	510	30	116	-	54

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1976 - Continued

ITEM	LOUISIANA	MINNESOTA	MISSISSIPPI	MISSOURI	MONTANA	NEBRASKA	NORTH DAKOTA	OKLAHOMA
	NUMBER							
GEAR - CONTINUED:								
LINES:								
HAND	68	-	-	-	-	-	-	-
LONG OR SET WITH HOOKS	1,720	526	1,080	1,421	-	-	-	-
SNAG	-	-	174	-	-	-	-	-
DIP NETS, COMMON	178	-	-	-	-	-	-	-
FROG GRABS	124	-	-	-	-	-	-	-

ITEM	SOUTH DAKOTA	TENNESSEE	TEXAS	WEST VIRGINIA	WISCONSIN	TOTAL
	NUMBER					
FISHERMEN, ON BOATS AND SHORE:						
FULL-TIME	9	255	100	-	117	2,162
PART-TIME	32	709	280	29	531	9,551
TOTAL	41	964	380	29	648	11,713
BOATS:						
MOTOR	4	964	330	29	563	10,842
OTHER	-	-	-	-	38	194
GEAR:						
HAUL SEINES, COMMON	7	-	-	-	48	267
OTTER TRAWLS, FISH	-	-	-	-	1	1
WEIRS	-	-	-	-	-	4
POUND NETS, FISH	-	-	-	-	-	23
TRAP NETS	-	-	-	-	6	6
FYKE AND HOOP NETS:						
FISH	600	1,830	360	290	420	56,907
TURTLE	-	120	-	-	-	120
POTS AND TRAPS:						
CRAWFISH	-	-	-	-	-	63,152
FISH	-	-	-	-	-	4,824
SHRIMP	-	-	-	-	-	215
TURTLE	-	120	-	-	-	185
WIRE BASKETS	-	280	-	-	-	7,943
SLAT TRAPS	-	-	-	-	890	890
GILL NETS, ANCHOR, SET, OR STAKE	110	255	1,802	-	99	8,328
TRAMMEL NETS	-	1,340	221	-	5	6,323
LINES:						
HAND	-	-	-	-	-	68
LONG OR SET WITH HOOKS	-	5,200	805	2	430	19,703
SNAG	-	700	-	-	-	1,794
DIP NETS, COMMON	-	-	-	-	-	214
CROWFOOT BARS	-	14	-	-	-	51
FROG GRABS	-	-	-	-	-	124
DIVING OUTFITS	-	40	-	-	-	66

LANDINGS BY STATES, 1976

SPECIES	ALABAMA		ARKANSAS		IDAHO		ILLINOIS	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	-	-	34	3	-	-	3	(1)
BUFFALOFISH	739	175	2,423	783	-	-	1,183	214
CARP	117	5	927	95	400	24	1,404	137
CATFISH AND BULLHEADS	568	253	1,461	870	-	-	439	210
EELS, COMMON	-	-	-	-	-	-	1	(1)
GARFISH	(1)	(1)	301	34	-	-	7	(1)
GIZZARD SHAD	4	(1)	-	-	-	-	-	-
MOONEYE OR GOLDEYE	-	-	-	-	-	-	2	(1)
PADDLEFISH	52	9	84	19	-	-	81	13
QUILLBACK	-	-	285	39	-	-	(1)	(1)
SHEEPSHEAD	41	2	510	96	-	-	269	35
STURGEON, SHOVELNOSE	-	-	-	-	-	-	25	7
SUCKERS	-	-	-	-	33	7	5	1
WHITE AMUR	-	-	51	14	-	-	-	-
TOTAL FISH	1,521	444	6,076	1,953	433	31	3,419	617
SHELLFISH ET AL.								
MUSSEL SHELLS	60	12	305	36	-	-	-	-
TURTLES:								
SNAPPER	-	-	29	7	-	-	-	-
SOFT-SHELL	-	-	12	3	-	-	-	-
TOTAL SHELLFISH ET AL.	60	12	346	46	-	-	-	-
GRAND TOTAL	1,581	456	6,422	1,999	433	31	3,419	617

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	INDIANA		IOWA		KANSAS		KENTUCKY	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BUFFALOFISH	17	5	1,996	437	6	2	470	104
CARP.	5	1	1,352	92	18	4	171	17
CATFISH AND BULLHEADS . . .	11	6	498	250	4	2	1,366	654
GIZZARD SHAD.	-	-	-	-	-	-	640	34
PADDLEFISH.	(1)	(1)	60	9	(1)	(1)	75	14
QUILLBACK	-	-	27	2	(1)	(1)	6	1
SHEEPSHEAD.	4	1	521	62	-	-	61	7
STURGEON, SHOVELNOSE. . . .	-	-	22	8	(1)	(1)	2	(1)
SUCKERS	-	-	76	3	(1)	(1)	2	(1)
UNCLASSIFIED, FOR FOOD. . .	-	-	10	(1)	-	-	-	-
TOTAL FISH.	37	13	4,562	863	28	8	2,793	831
SHELLFISH ET AL.								
MUSSEL SHELLS, TOTAL. . . .	-	-	-	-	-	-	40	8
GRAND TOTAL	37	13	4,562	863	28	8	2,833	839

SPECIES	LOUISIANA		MINNESOTA		MISSISSIPPI		MISSOURI	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN.	17	1	9	(1)	15	1	1	(1)
BUFFALOFISH	3,026	443	1,008	182	1,813	453	268	67
BURBOT.	-	-	79	4	-	-	-	-
CARP.	308	12	2,709	163	678	36	432	36
CATFISH AND BULLHEADS . . .	2,073	725	1,178	166	952	363	182	99
CRAPPIE	-	-	1	1	-	-	1	(1)
EELS, COMMON.	-	-	(1)	(1)	-	-	-	-
GARFISH	170	25	1	(1)	60	7	20	1
MOONEYE OR GOLDEYE.	-	-	10	4	-	-	-	-
PADDLEFISH.	20	2	-	-	66	7	26	6
PIKE OR PICKEREL.	-	-	8	4	-	-	-	-
QUILLBACK	-	-	1	(1)	-	-	41	3
SHAD.	1,192	46	-	-	-	-	-	-
SHEEPSHEAD.	1,042	155	203	18	92	12	43	6
STURGEON, SHOVELNOSE. . . .	-	-	(1)	(1)	-	-	8	3
SUCKERS	-	-	193	10	-	-	2	(1)
TULLIBEE.	-	-	7	1	-	-	-	-
WHITEBASS	-	-	6	1	-	-	-	-
WHITEFISH, COMMON	-	-	87	56	-	-	-	-
YELLOW PERCH.	-	-	296	278	-	-	-	-
YELLOW PIKE	-	-	166	156	-	-	-	-
TOTAL FISH.	7,848	1,409	5,962	1,044	3,676	879	1,024	221
SHELLFISH ET AL.								
CRAWFISH.	5,800	1,742	-	-	-	-	-	-
SHRIMP.	11	8	-	-	-	-	-	-
TURTLES, SNAPPER.	56	25	-	-	-	-	-	-
FROGS	34	26	-	-	-	-	-	-
TOTAL SHELLFISH ET AL. .	5,901	1,801	-	-	-	-	-	-
GRAND TOTAL.	13,749	3,210	5,962	1,044	3,676	879	1,024	221

SPECIES	MONTANA		NEBRASKA		NORTH DAKOTA		OKLAHOMA	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BUFFALOFISH	369	50	27	6	199	34	285	71
CARP.	82	4	56	3	490	24	76	12
CATFISH AND BULLHEADS . . .	-	-	18	9	59	11	124	81
GARFISH	-	-	-	-	-	-	7	(1)
MOONEYE OR GOLDEYE.	211	21	-	-	77	23	-	-
PADDLEFISH.	-	-	-	-	4	1	16	6
QUILLBACK	11	1	4	(1)	11	(1)	2	1
SHEEPSHEAD.	(1)	(1)	-	-	1	(1)	11	2
SUCKERS	1	(1)	-	-	(1)	(1)	-	-
WHITE BASS.	-	-	-	-	-	-	1	(1)
TOTAL FISH.	674	76	105	18	841	93	522	173
SHELLFISH ET AL.								
MUSSEL SHELLS, TOTAL. . . .	-	-	-	-	-	-	1,630	331
GRAND TOTAL	674	76	105	18	841	93	2,152	504

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1976 - Continued

SPECIES	SOUTH DAKOTA		TENNESSEE		TEXAS		WEST VIRGINIA	
FISH	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	-	-	37	4	1	(1)	-	-
BUFFALOFISH	667	107	1,744	408	2,932	645	11	2
CARP	1,844	111	975	54	409	29	10	(1)
CATFISH AND BULLHEADS	180	23	879	458	410	214	23	9
CRAPPIE	-	-	95	38	-	-	-	-
GARFISH	-	-	43	4	204	31	-	-
GIZZARD SHAD	-	-	3	(1)	-	-	-	-
MOONEYE OR GOLDEYE	154	74	-	-	-	-	-	-
PADDLEFISH	-	-	276	48+	1	(1)	-	-
QUILLBACK	43	2	9	1	-	-	-	-
SHEEPSHEAD	134	4	210	17	19	3	-	-
SUCKERS	-	-	7	1	2	(1)	-	-
WHITE BASS	10	3	-	-	-	-	-	-
YELLOW BASS	-	-	16	4	-	-	-	-
TOTAL FISH	3,032	324	4,294	1,037	3,978	922	44	11
SHELLFISH ET AL.								
MUSSEL SHELLS	-	-	1,072	208	-	-	-	-
TURTLES:								
SLIDER	-	-	6	1	-	-	-	-
SNAPPER	-	-	12	3	3	1	-	-
TOTAL SHELLFISH ET AL.	-	-	1,090	212	3	1	-	-
GRAND TOTAL	3,032	324	5,384	1,249	3,981	923	44	11

SPECIES	WISCONSIN		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	6	(1)	123	9
BUFFALOFISH	1,857	314	21,040	4,502
BURBOT	11	(1)	90	4
CARP	6,257	354	18,720	1,213
CATFISH AND BULLHEADS	459	193	10,884	4,596
CRAPPIE	-	-	97	39
EELS, COMMON	1	(1)	2	(1)
GARFISH	9	(1)	822	102
GIZZARD SHAD	-	-	647	34
MOONEYE OR GOLDEYE	(1)	(1)	454	122
PADDLEFISH	-	-	761	134
PIKE OR PICKEREL	-	-	8	4
QUILLBACK	19	1	459	51
SHAD	-	-	1,192	46
SHEEPSHEAD	2,037	136	5,198	556
STURGEON, SHOVELNOSE	4	1	61	19
SUCKERS	53	2	374	24
TULLIBEE	-	-	7	1
WHITE AMUR	-	-	51	14
WHITE BASS	-	-	17	4
WHITEFISH, COMMON	-	-	87	56
YELLOW BASS	-	-	16	4
YELLOW PERCH	-	-	296	278
YELLOW PIKE	-	-	166	156
UNCLASSIFIED, FOR FOOD	-	-	10	(1)
TOTAL FISH	10,713	1,001	61,582	11,968
SHELLFISH ET AL.				
CRAWFISH	-	-	5,800	1,742
SHRIMP	-	-	11	8
MUSSEL SHELLS	-	-	3,107	595
TURTLES:				
SLIDER	-	-	6	1
SNAPPER	6	2	106	38
SOFT-SHELL	-	-	12	3
FROGS	-	-	34	26
TOTAL SHELLFISH ET AL.	6	2	9,076	2,413
GRAND TOTAL	10,719	1,003	70,658	14,381

1/ LESS THAN 500 POUNDS OR $500.

MISSISSIPPI RIVER FISHERIES

SUMMARY OF LANDINGS FROM MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1976

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA					
	MISSISSIPPI RIVER PROPER		ATCHAFALAYA RIVER DRAINAGE AREA		RED RIVER DRAINAGE AREA	
					OUACHITA RIVER DRAINAGE AREA	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	14	(1)	13	1	1	(1)
BUFFALOFISH	3,150	599	727	109	950	138
CARP	5,820	422	105	4	79	3
CATFISH AND BULLHEADS	1,962	867	645	226	489	171
EELS, COMMON	2	(1)	-	-	-	-
GARFISH	49	4	76	11	51	8
MOONEYE OR GOLDEYE	3	(1)	-	-	-	-
PADDLEFISH	158	25	3	(1)	7	1
QUILLBACK	44	3	-	-	-	-
SHAD	244	10	573	22	375	15
SHEEPSHEAD	1,449	169	354	52	257	38
STURGEON, SHOVELNOSE	56	19	-	-	-	-
SUCKERS	118	5	-	-	-	-
UNCLASSIFIED, FOR FOOD	10	(1)	-	-	-	-
CRAWFISH	30	9	5,620	1,692	-	-
SHRIMP	8	6	3	2	-	-
TURTLES, SNAPPER	13	5	9	4	11	5
FROGS	7	5	25	19	2	1
TOTAL	13,137	2,148	8,153	2,142	2,222	380

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	RED RIVER DRAINAGE AREA - CONTINUED		ARKANSAS RIVER DRAINAGE AREA		MISSOURI RIVER DRAINAGE AREA	
	UNCLASSIFIED					
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	6	1	25	2	-	-
BUFFALOFISH	1,669	346	2,069	659	1,265	212
CARP	183	18	712	62	1,781	112
CATFISH AND BULLHEADS	1,007	455	1,237	753	281	76
EELS, COMMON	-	-	-	-	(1)	(1)
GARFISH	232	34	256	28	3	(1)
MOONEYE OR GOLDEYE	-	-	-	-	413	110
PADDLEFISH	15	3	82	20	13	3
QUILLBACK	8	1	218	33	76	4
SHEEPSHEAD	252	40	381	72	23	3
STURGEON, SHOVELNOSE	-	-	-	-	1	1
SUCKERS	2	(1)	-	-	8	(1)
WHITE AMUR	1	(1)	45	13	-	-
WHITE BASS	-	-	2	(1)	5	2
UNCLASSIFIED, FOR FOOD	-	-	-	-	(1)	(1)
CRAWFISH	149	42	-	-	-	-
MUSSEL SHELLS	-	-	1,766	352	-	-
TURTLES:						
SNAPPER	29	13	18	5	-	-
SOFT-SHELL	-	-	11	3	-	-
FROGS	(1)	(1)	-	-	-	-
TOTAL	3,553	953	6,822	2,002	3,869	523

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	OHIO RIVER DRAINAGE AREA					
	OHIO RIVER PROPER		TENNESSEE RIVER DRAINAGE AREA		CUMBERLAND RIVER DRAINAGE AREA	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	(1)	(1)	1	(1)	-	-
BUFFALOFISH	204	47	2,224	514	154	40
CARP	80	8	914	50	44	4
CATFISH AND BULLHEADS	225	110	2,029	966	240	123
GARFISH	(1)	(1)	6	1	-	-
GIZZARD SHAD	-	-	167	10	480	24
PADDLEFISH	17	3	321	54	46	9
QUILLBACK	5	1	(1)	(1)	-	-
SHEEPSHEAD	44	6	73	4	9	1
STURGEON, SHOVELNOSE	2	(1)	-	-	-	-
SUCKERS	(1)	(1)	7	1	(1)	(1)
MUSSELS SHELLS	-	-	672	133	500	95
TURTLES, SNAPPER	-	-	3	1	-	-
TOTAL	577	175	6,417	1,734	1,473	296

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF LANDINGS FROM MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1976 - Continued

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	OHIO RIVER DRAINAGE AREA - CONTINUED				ILLINOIS RIVER DRAINAGE AREA	
	WABASH RIVER DRAINAGE AREA		UNCLASSIFIED			
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	-	-	-	-	1	(1)
BUFFALOFISH	17	3	148	36	220	39
CARP	23	2	51	6	183	18
CATFISH AND BULLHEADS	14	6	88	42	38	18
GARFISH	-	-	-	-	2	(1)
MOONEYE OR GOLDEYE	(1)	(1)	-	-	-	-
PADDLEFISH	1	(1)	2	1	2	(1)
QUILLBACK	-	-	1	(1)	-	-
SHEEPSHEAD	4	1	12	2	6	1
STURGEON, SHOVELNOSE	2	1	-	-	-	-
SUCKERS	1	(1)	1	(1)	(1)	(1)
TOTAL	62	13	303	87	452	76

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED				NORTHERN DRAINAGE AREA	
	ST. CROIX RIVER DRAINAGE AREA		UNCLASSIFIED		RED RIVER OF THE NORTH DRAINAGE AREA	
					RED LAKE	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	-	-	62	5	-	-
BUFFALOFISH	1	(1)	5,741	1,220	-	-
BURBOT	-	-	79	4	-	-
CARP	85	5	5,790	339	-	-
CATFISH AND BULLHEADS	63	8	2,312	735	2	1
CRAPPIE	-	-	95	38	1	1
EELS, COMMON	-	-	(1)	(1)	-	-
GARFISH	-	-	131	14	-	-
MOONEYE OR GOLDEYE	-	-	-	-	10	4
PADDLEFISH	-	-	90	12	-	-
PIKE OR PICKEREL	-	-	-	-	8	4
QUILLBACK	-	-	98	9	-	-
SHEEPSHEAD	11	1	692	71	-	-
SUCKERS	(1)	(1)	102	5	-	-
TULLIBEE	-	-	7	1	-	-
WHITE AMUR	-	-	5	1	-	-
WHITE BASS	-	-	5	1	-	-
WHITEFISH, COMMON	-	-	-	-	87	56
YELLOW BASS	-	-	16	4	-	-
YELLOW PERCH	(1)	(1)	11	3	279	273
YELLOW PIKE	-	-	-	-	166	156
MUSSEL SHELLS	-	-	168	15	-	-
TURTLES:						
SLIDERS	-	-	6	1	-	-
SNAPPER	-	-	21	5	-	-
TOTAL	160	14	15,431	2,483	553	495

SPECIES	NORTHERN DRAINAGE AREA - CONTINUED				GULF OF MEXICO DRAINAGE AREA		PACIFIC OCEAN DRAINAGE AREA	
	RED RIVER OF THE NORTH DRAINAGE AREA - CONTD.		UNCLASSIFIED					
	UNCLASSIFIED							
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BOWFIN	1	(1)	(1)	(1)	-	-	-	-
BUFFALOFISH	12	2	192	33	2,296	505	-	-
BURBOT	(1)	(1)	11	(1)	-	-	-	-
CARP	479	29	1,638	82	354	25	400	24
CATFISH AND BULLHEADS	251	35	2	(1)	-	-	-	-
GARFISH	-	-	-	-	16	2	-	-
MOONEYE OR GOLDEYE	-	-	29	9	-	-	-	-
PADDLEFISH	-	-	3	1	-	-	-	-
QUILLBACK	-	-	11	(1)	-	-	-	-
SHEEPSHEAD	132	4	1,481	89	16	3	-	-
SUCKERS	19	1	83	4	1	(1)	-	-
WHITE BASS	5	2	-	-	-	-	33	7
YELLOW PERCH	6	2	(1)	(1)	-	-	-	-
TURTLES, SNAPPER	-	-	-	-	3	1	-	-
TOTAL	905	75	3,450	218	2,686	536	433	31

1/ LESS THAN 500 POUNDS OR $500.

MISSISSIPPI RIVER FISHERIES

GREAT LAKES AND MISSISSIPPI RIVER LANDINGS, BY STATES, 1976

STATE	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALABAMA	-	-	1,581	456	1,581	456
ARKANSAS	-	-	6,422	1,999	6,422	1,999
IDAHO	-	-	433	31	433	31
ILLINOIS	264	219	3,419	617	3,683	836
INDIANA	200	118	37	13	237	131
IOWA	-	-	4,562	863	4,562	863
KANSAS	-	-	28	8	28	8
KENTUCKY	-	-	2,833	839	2,833	839
LOUISIANA	-	-	13,749	3,210	13,749	3,210
MICHIGAN	13,930	4,006	-	-	13,930	4,006
MINNESOTA	4,024	498	5,962	1,044	9,986	1,542
MISSISSIPPI	-	-	3,676	879	3,676	879
MISSOURI	-	-	1,024	221	1,024	221
MONTANA	-	-	674	76	674	76
NEBRASKA	-	-	105	18	105	18
NEW YORK	513	253	-	-	513	253
NORTH DAKOTA	-	-	841	93	841	93
OHIO	7,783	2,239	-	-	7,783	2,239
OKLAHOMA	-	-	2,152	504	2,152	504
PENNSYLVANIA	334	251	-	-	334	251
SOUTH DAKOTA	-	-	3,032	324	3,032	324
TENNESSEE	-	-	5,384	1,249	5,384	1,249
TEXAS	-	-	3,981	923	3,981	923
WEST VIRGINIA	-	-	44	11	44	11
WISCONSIN	39,470	3,165	10,719	1,003	50,189	4,168
TOTAL	66,518	10,749	70,658	14,381	137,176	25,130

NOTE:--INCLUDES LANDINGS IN THE INTERNATIONAL LAKES OF NORTHERN MINNESOTA.

GREAT LAKES AND MISSISSIPPI RIVER LANDINGS, BY SPECIES, 1976

SPECIES	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALEWIVES	39,212	476	-	-	39,212	476
BOWFIN	1	(1)	123	9	124	9
BUFFALOFISH	94	29	21,040	4,502	21,134	4,531
BURBOT	253	7	90	4	343	11
CARP	4,611	293	18,720	1,213	23,331	1,506
CATFISH AND BULLHEADS	856	325	10,884	4,596	11,740	4,921
CHUBS	1,657	1,186	-	-	1,657	1,186
CRAPPIE	59	44	97	39	156	83
EELS, COMMON	36	28	2	(1)	38	28
GARFISH	-	-	822	102	822	102
GIZZARD SHAD	620	31	647	34	1,267	65
GOLDFISH	134	7	-	-	134	7
HERRING, LAKE	449	144	-	-	449	144
LAKE TROUT	326	209	-	-	326	209
MINNOWS	6	8	-	-	6	8
MOONEYE OR GOLDEYE	-	-	454	122	454	122
PADDLEFISH	-	-	761	134	761	134
PIKE OR PICKEREL	84	25	8	4	92	29
QUILLBACK	135	9	459	51	594	60
ROCK BASS	7	2	-	-	7	2
SAUGER	26	10	-	-	26	10
SHAD	-	-	1,192	46	1,192	46
SHEEPSHEAD	1,050	46	5,198	556	6,248	602
SMELT	5,345	249	-	-	5,345	249
STURGEON, SHOVELNOSE	-	-	61	19	61	19
SUCKERS	941	44	374	24	1,315	68
SUNFISH	7	2	-	-	7	2
TULLIBEE	185	15	7	1	192	16
WHITE AMUR	-	-	51	14	51	14
WHITE BASS	1,528	676	17	4	1,545	680
WHITEFISH:						
COMMON	5,325	4,109	87	56	5,412	4,165
MENOMINEE	147	54	-	-	147	54
WHITE PERCH	45	14	-	-	45	14
YELLOW BASS	-	-	16	4	16	4
YELLOW PERCH	3,117	2,479	296	278	3,413	2,757
YELLOW PIKE	262	228	166	156	428	384
UNCLASSIFIED, FOR FOOD	-	-	10	(1)	10	(1)
CRAWFISH	-	-	5,800	1,742	5,800	1,742
SHRIMP	-	-	11	8	11	8
MUSSEL SHELLS	-	-	3,107	595	3,107	595
TURTLES:						
SLIDER	-	-	6	1	6	1
SNAPPER	-	-	106	38	106	38
SOFT-SHELL	-	-	12	3	12	3
FROGS	-	-	34	26	34	26
TOTAL	66,518	10,749	70,658	14,381	137,176	25,130

1/ LESS THAN $500.

SUMMARY OF PROCESSED PRODUCTS, BY STATES, 1976

Item	Unit	Quantity	Dollars
		Thousands	Thousands
Fresh	Pounds	10,957	13,225
Frozen	do	27,979	38,401
Canned	Standard cases	–	(1)
Cured	Pounds	2,390	1,410
Industrial	–	–	13,091
Total	–	–	66,127

(1) Included with industrial.

VALUE OF PROCESSED PRODUCTS, BY STATES, 1976

State	Thousand dollars
Alabama and Arknasas	3,690
Colorado and Idaho	21,990
Illinois	902
Iowa	859
Kansas, Kentucky, and Oklahoma	935
Louisiana	2,324
Minnesota	1,785
Mississippi	10,519
Missouri, Tennessee, and Texas	9,468
North Dakota, South Dakota, and Utah	3,127
Wisconsin	10,528
Total	66,127

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1976

State	Processing			Wholesale			Total		
		Employment average			Employment average			Employment average	
	Plants	Season	Year	Plants	Season	Year	Plants	Season	Year
	Number								
Alabama and Arkansas	4	95	69	46	142	133	50	237	202
Colorado and Idaho	9	419	368	8	16	12	17	435	380
Illinois	9	24	21	13	107	98	22	131	119
Indiana	–	–	–	7	72	69	7	72	69
Iowa	5	68	57	10	61	57	15	129	114
Kansas, Kentucky, and Oklahoma	3	75	67	33	199	188	36	274	255
Louisiana	19	290	176	21	73	71	40	363	247
Minnesota	5	74	43	6	29	23	11	103	66
Mississippi	3	165	126	11	30	29	14	195	155
Missouri, Tennessee, and Texas	4	259	219	100	437	410	104	696	629
Nebraska	–	–	–	5	18	18	5	18	18
North Dakota, South Dakota, Nevada, and Utah	5	46	41	9	71	60	14	117	101
Ohio	–	–	–	4	13	13	4	13	13
Wisconsin	5	53	52	12	162	151	17	215	203
Total	71	1,568	1,239	285	1,430	1,332	356	2,998	2,571

Note:--Employment is reported by each plant for each month for the payroll period that includes the 12th of the month. Employment for the season is based on the greatest number of employees working during the payroll period that included the 12th of each month. Employment for the year is obtained by adding the number of employees recorded as working during the payroll period that included the 12th of each month, and dividing by 12.

PROCESSED FISHERY PRODUCTS, 1976

Item	State	Unit	Quantity	Dollars
			- - - Thousands	- - -
Buffalofish, fresh and frozen fillets	Illinois and Iowa	Pounds	60	30
Carp, fresh and frozen fillets	Illinois, Iowa, South Dakota, and Wisconsin	do	2,234	954
Catfish, fresh and frozen dressed and skinned:				
Wild	Illinois, Iowa, South Dakota, and Wisconsin	do	630	793
Pond raised	Alabama, Arkansas, Idaho, and Mississippi	do	12,008	14,574
Trout, fresh and frozen dressed and, or boned pond raised	Colorado, Idaho, and Utah	do	14,505	21,493
Crawfish, fresh cooked meat	Louisiana	do	719	2,241
Shrimp, frozen breaded raw	Colorado, Kentucky, Minnesota, Oklahoma, Tennessee, and Texas	do	3,390	7,103
Scallops, sea, frozen breaded raw	Kentucky, Missouri, and Tennessee	do	40	87
Unclassified:				
Fresh and frozen:				
Fillets and steaks:				
Raw	Iowa, Minnesota, South Dakota, and Wisconsin	do	(1) 167	(1) 328
Breaded, raw and cooked	Iowa, Minnesota, Missouri, South Dakota, and Tennessee	do	(2) 632	(2) 529
Sticks breaded, raw and cooked	Colorado, Missouri, and Tennessee	do	259	159
Portions:				
Breaded, raw	Colorado, Kentucky, Missouri, and Texas	do	770	620
Breaded cooked, and unbreaded	Colorado, Kentucky, and Missouri	do	1,698	1,485
Fish and shellfish	Idaho, Kentucky, Louisiana, Minnesota, Missouri, Tennessee, and Wisconsin	do	(3) 1,824	(3) 1,230
Canned	Kansas and Wisconsin	Standard cases	(4)	(4)
Cured	Illinois, Iowa, and Minnesota	Pounds	(5) 2,390	(5) 1,410
Industrial	Iowa and Utah	—	—	(6) 13,091
Total		—	—	66,127

(1) Includes fillets of pike or pickerel, suckers, yellow perch, yellow pike; and catfish and halibut steaks. (2) Includes breaded, raw, or cooked fillets of catfish, cod, flounders, ocean perch, pollock, and yellow perch; and halibut steaks. (3) Includes dressed and skinned bullheads; cod, flounder, pacific pollock and whiting cooked; trout, pond raised, breaded and stuffed; crabmeat cooked, and crabs breaded raw and deviled; lobsters, northern, breaded raw meat; shrimp peeled, raw or cooked and deveined; oysters breaded raw; turtle steaks and frogs legs raw. (4) Included with industrial. (5) Includes, carp, mooneye, paddlefish, salmon, sturgeon, and whiting smoked; lake herring salted; sea herring pickled; and dried cod (lutefisk). (6) Includes the values of alewives canned for petfood; carp, meal and oil; and unclassified fish pellets.

Note:-- Some of the products may have been processed from raw products imported from another State or a foreign country; therefore, they cannot be correlated directly with landings within the State. Certain items are shown in an intermediate and also in a more advanced stage of processing.

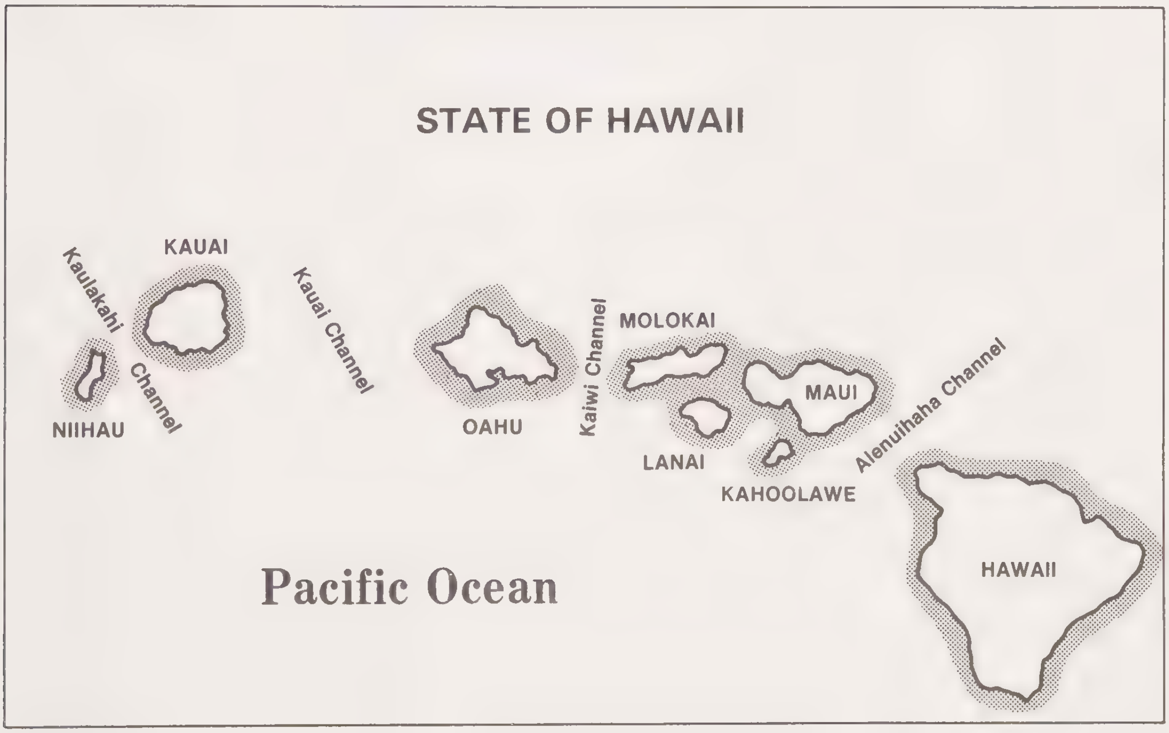
SECTION 10 - HAWAII FISHERIES

Commercial landings of fish and shellfish in the State of Hawaii were 14.8 million pounds worth $8.9 million—increases of 60 percent in volume and 41 percent in value over 1975. A sharp increase in landings of skipjack tuna was the principal reason for the increase in volume. Landings of 9.8 million pounds were up 4.7 million pounds (95 percent) over 1975. Landings of bigeye, little, and yellowfin also increased, but landings of albacore and bluefin declined.

Fish and shellfish were landed at six of the eight principal islands in the State of Hawaii. Oahu led the islands with a production of 11.0 million pounds. Hawaii was next with 2.0 million pounds, followed by Maui with 1.4 million pounds. The rest of the landings were made at Kauai, Molokai, and Lanai.

Other information. Condensed summary data on landings in the State of Hawaii, by islands appearing in the following pages have been published previously in Current Fishery Statistics No. 7707.

Acknowledgments. The data in this section were assembled and prepared for publication by NMFS area office, Honolulu, Hawaii, largely from information collected by the Hawaii Department of Land and Natural Resources, Division of Fish and Game.


STATE OF HAWAII
KAUAI
Kaulakahi
Channel
NIIHAU
Kauai Channel
OAHU
Kaiwi Channel
MOLOKAI
MAUI
LANAI
KAHOOLAWE
Alenuihaha Channel
HAWAII
Pacific Ocean

HAWAII FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1976

ISLAND	FISH		SHELLFISH ET AL.		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAWAII	2,037	1,679	11	17	2,048	1,695
MOLOKAI	29	23	3	9	32	32
OAHU	10,881	6,262	123	166	11,004	6,427
KAUAI	269	201	4	8	273	209
MAUI	1,377	480	10	26	1,387	506
LANAI	16	9	(1)	(1)	16	9
TOTAL	14,609	8,654	152	225	14,761	8,879

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--TABLE MAY NOT ADD BECAUSE OF ROUNDING.

FISHERMEN AND VESSELS. THERE WERE 401 FULL-TIME FISHERMEN OPERATING 101 VESSELS; AND 937 FULL-TIME AND 1,337 PART-TIME FISHERMEN OPERATING 1,336 MOTOR BOATS. DATA ARE NOT AVAILABLE ON OPERATING UNITS BY ISLAND AND ON THE NUMBER OF GEAR USED IN THE HAWAII FISHERIES. THERE WERE 43 WHOLESALE AND PROCESSING ESTABLISHMENTS IN HAWAII AND AMERICAN SAMOA IN 1976.

HAWAII - LANDINGS BY SPECIES, 1976

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS
OCEAN CATCH:	FISH		
AMBERJACK	KAHALA	38,051	21,685
ANCHOVY	NEHU	80	69
BARRACUDA	KAKU	2,463	1,959
BARRACUDA, JAPANESE	KAWELEA	4,518	3,241
BIGEYE SCAD	AKULE	913,229	578,265
BONEFISH	OIO	9,546	6,938
CREVALLE:			
	OMAKA	670	1,077
BLUE	OMILU	1,877	2,310
JACK	ULUA	91,240	80,016
DAMSELFISH	MAMAMO	3,559	3,652
DOLPHINFISH	MAHIMAHI	111,353	178,538
EELS:			
CONGER	PUHI	498	182
MORAY	PUHI	5,287	1,387
GOATFISHES:			
	KUMU	8,244	20,846
	MALU	1,344	1,679
	MOANO	7,608	10,050
	MOELUA	9,780	10,290
	WEKE	30,287	22,969
	WEKE-ULA	9,454	13,341
MACKEREL SCAD	OPELU	295,501	250,304
MARLIN:			
BLUE	A'U	132,088	52,321
SAILFISH	A'U LEPE	1,676	697
SHORTBILL	A'U	11,213	7,382
BLACK	A'U	5,464	2,235
STRIPED	A'U	159,154	113,993
MILKFISH	AWA	3,651	1,878
MOUNTAIN BASS	AHOLEHOLE	2,600	3,047
MULLET	AMAAMA	12,121	22,292
PARROTFISH	UHU	8,747	5,083
RED BIGEYE	AWEOWEO	3,260	2,835
RUDDERFISH	NENUE	6,776	3,198
RUNNER	LAE	553	284
SARDINE	MIKIAWA	111	52
SEA BASS, BLACK	HAPUUPUU	57,029	72,673

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY SPECIES, 1976 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS
OCEAN CATCH - CONTINUED	FISH - CONTINUED		
SNAPPERS:			
BLUE LINE	TAAPE	24,388	12,462
GRAY	UKU	61,009	66,321
PINK	KALIKALI	8,560	12,853
PINK	OPAKAPAKA	110,382	155,667
RED	ULAULA OR EHU	32,481	58,137
RED	ULAULA KOAE	88,407	201,234
SPOT	AAWA	1,318	334
SQUIRRELFISH	UU	21,479	30,520
SURGEONFISH:			
	KALA	13,345	3,620
	MAIKO	247	119
	PALANI	20,301	8,199
	PUALU	7,853	3,208
SWORDFISH, BROADBILL	A'U	3,239	2,061
TANG:			
CONVICT	MANINI	7,174	7,354
ORANGE SPOT	NAENAE	1,873	590
TENPOUNDER	AWAAWA	1,161	654
THREADFIN, PACIFIC	MOI	2,299	4,439
TILAPIA		60	22
TRIGGERFISH	HUMUHUMU	729	284
TUNA:			
ALBACORE	AHIPALAHA	59,277	40,323
BIGEYE	AHI	430,857	820,703
BLUEFIN	AHI	3,660	4,091
LITTLE	KAWAKAWA	75,623	23,249
SKIPJACK	AKU	9,772,331	3,826,938
YELLOWFIN	AHI	1,701,885	1,672,852
UNCLASSIFIED	AHI	12	4
TOTAL TUNA		12,043,645	6,388,160
WAHOO	ONO	135,397	127,400
UNCLASSIFIED FISH		55,680	54,738
TOTAL FISH		14,590,059	8,635,144
	SHELLFISH ET AL.		
CRABS:			
	KONA	24,938	57,526
	KUAHONU	19,707	33,439
	MOALA	610	496
	PAPAI	1,291	1,015
	SAMOAN	20	56
LIMPETS	OPIHI	2,566	25,098
LOBSTERS:			
SLIPPER	ULAPAPAPA	145	291
SPINY	ULA	4,631	11,382
OCTOPUS	HEE	12,235	16,090
SEA URCHINS	WANA	200	100
SEAWEED	LIMU	64,466	39,657
SHRIMP	OPAE	9,539	30,985
SQUID	MUHEE	8,605	6,304
TREPANG (SEA CUCUMBER)	LOLI	24	29
UNCLASSIFIED SHELLFISH		2,523	2,675
TOTAL SHELLFISH ET AL.		151,500	225,143
TOTAL OCEAN CATCH		14,741,559	8,860,287
POND CATCH: 1/	FISH		
BARRACUDA	KAKU	440	564
BONEFISH	OIO	7,827	4,855
CREVALLE, JACK	ULUA	1,747	2,158
MILKFISH	AWA	494	265
MOUNTAIN BASS	AHOLEHOLE	776	947
MULLET	AMAAMA	2,132	3,917
SNAPPER, BLUE LINE	TAAPE	70	35
TENPOUNDER	AWAAWA	543	310
THREADFIN	MOI	10	16
TILAPIA		3,277	4,101
UNCLASSIFIED FISH		2,114	1,174
TOTAL FISH		19,430	18,342

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY SPECIES, 1976 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS
POND CATCH - CONTINUED	SHELLFISH		
CRABS:			
	KONA.	15	8
	MOALA	54	28
	PAPAI	78	39
	SAMOAN.	38	90
TOTAL SHELLFISH.		185	165
TOTAL POND CATCH		19,615	18,507
GRAND TOTAL.		14,761,174	8,878,794

1/ SALTWATER.

NOTE:--LANDINGS OF FISH, CRUSTACEANS, AND SUCH MOLLUSKS AS SQUID AND OCTOPUS ARE SHOWN IN ROUND (LIVE) WEIGHT. DATA ON UNIVALVE MOLLUSKS (LIMPETS) REPRESENT THE WEIGHT OF MEATS EXCLUDING THE SHELL. THE WEIGHT OF MEATS FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.

HAWAII - LANDINGS BY ISLANDS, 1976

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH:	FISH						
AMBERJACK	KAHALA.	20,767	10,306	71	28	13,635	9,049
ANCHOVY	NEHU.	-	-	80	69	-	-
BARRACUDA	KAKU.	1,120	622	21	14	369	391
BARRACUDA, JAPANESE	KAWELEA	3,360	2,612	3	1	459	262
BIGEYE SCAD . . .	AKULE	61,562	45,712	1,406	1,372	701,520	446,249
BONEFISH.	OIO	696	434	721	537	4,781	4,306
CREVALLE:							
	OMAKA	7	7	-	-	663	1,070
BLUE.	OMILU	44	41	24	16	1,659	2,095
JACK.	ULUA.	17,210	12,817	1,809	1,716	60,338	53,360
DAMSELFISH. . . .	MAMAMO.	2	3	14	13	3,312	3,367
DOLPHINFISH . . .	MAHIMAHI.	39,343	48,588	330	546	61,018	115,535
EELS:							
CONGER.	PUHI.	67	36	8	5	423	141
MORAY	PUHI.	68	24	-	-	5,213	1,362
GOATFISHES:							
	KUMU.	146	372	686	1,471	6,796	17,850
	MALU.	-	-	-	-	1,344	1,679
	MOANO	1,929	2,981	111	154	5,185	6,483
	WEKE.	2,036	3,027	4,824	3,115	16,828	12,143
	WEKE-ULA.	617	897	320	200	7,559	11,373
MACKEREL, SCAD. .	OPELU	235,427	191,360	971	872	41,485	45,796
MARLIN:							
BLUE.	A'U	76,446	17,453	108	230	52,485	33,076
SAILFISH. . . .	A'U LEPE.	1,326	546	-	-	350	151
SHORTBILL . . .	A'U	3,623	1,866	-	-	7,407	5,306
BLACK	A'U	4,250	1,187	-	-	919	808
STRIPED	A'U	65,198	19,105	-	-	91,676	93,122
MILKFISH.	AWA	138	43	387	188	2,344	1,220
MOUNTAIN BASS . .	AHOLEHOLE	49	76	380	354	1,120	1,358
MULLET.	AMAAMA.	56	95	367	562	10,143	19,108
PARROTFISH. . . .	UHU	100	39	5,242	2,816	2,767	1,884
RED BIGEYE. . . .	AWEOWEO	2,497	2,179	132	56	276	247
RUDDERFISH. . . .	NENUE	579	394	1,499	509	2,205	999
RUNNER.	LAE	7	4	78	23	123	110
SARDINE	MIKIAWA	5	1	-	-	106	51
SEA BASS, BLACK .	HAPUUPUU.	5,342	5,069	-	-	44,077	60,878
SNAPPERS:							
BLUE LINE . . .	TAAPE	3,752	2,128	609	248	9,668	5,046
GRAY.	UKU	12,241	13,032	16	10	36,981	41,638
PINK.	KALIKALI.	3,319	4,062	-	-	4,879	8,431
PINK.	OPAKAPAKA	25,750	33,024	766	778	47,177	82,383
RED	ULAULA OR EHU . .	9,464	14,294	-	-	17,864	37,834
RED	ULAULA KOAE . . .	8,589	13,718	-	-	72,463	176,934
SPOT.	AAWA.	702	182	290	47	268	80
SQUIRRELFISH. . .	UU.	11,227	14,929	1,512	1,886	5,577	9,791
SURGEONFISH:							
	KALA.	611	182	872	187	9,160	2,091
	MAIKO	87	76	13	2	147	41
	PALANI.	401	109	225	62	18,993	7,741
	PUALU	372	106	1,172	265	6,148	2,740

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY ISLANDS, 1976 - Continued

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH - CONTINUED	FISH - CONTINUED						
SWORDFISH, BROADBILL	AʻU	3,239	2,061	-	-	-	-
TANG:							
CONVICT	MANINI	1,073	1,141	880	869	3,203	3,046
ORANGE SPOT	NAENAE	14	6	-	-	1,850	580
TENPOUNDER	AWAAWA	-	-	36	14	1,077	616
THREADFIN	MOI	122	235	466	685	706	1,892
TILAPIA		9	3	-	-	-	-
TRIGGERFISH	HUMUHUMU	428	116	-	-	200	143
TUNA:							
ALBACORE	AHIPALAHA	18,855	9,785	-	-	37,813	28,604
BIGEYE	AHI	19,137	29,805	-	-	411,720	790,898
BLUEFIN	AHI	3,660	4,091	-	-	-	-
LITTLE	KAWAKAWA	4,686	3,829	425	373	44,055	9,314
SKIPJACK	AKU	107,262	22,178	803	779	8,442,862	3,465,427
YELLOWFIN	AHI	1,148,157	1,040,562	502	770	502,892	583,141
UNCLASSIFIED		-	-	-	-	12	4
TOTAL TUNA		1,301,757	1,110,250	1,730	1,922	9,439,354	4,877,388
WAHOO	ONO	86,020	76,245	349	386	24,473	21,252
UNCLASSIFIED		19,661	19,821	767	590	17,213	17,810
TOTAL FISH		2,032,855	1,673,616	29,295	22,818	10,865,986	6,248,306
SHELLFISH ET AL.							
CRABS:							
	KONA	1,197	2,060	178	219	20,591	49,663
	KUAHONU	-	-	-	-	19,251	32,909
	MOALA	-	-	-	-	610	496
	PAPAI	197	303	35	85	1,015	560
	SAMOAN	-	-	-	-	20	56
LIMPETS 1/	OPIHI	965	8,852	735	5,639	14	138
LOBSTERS:							
SLIPPER	ULAPAPAPA	-	-	-	-	145	291
SPINY	ULA	92	167	119	269	2,959	7,307
OCTOPUS	HEE	1,393	854	345	447	4,446	5,752
SEA URCHINS	WANA	-	-	-	-	200	100
SEAWEED	LIMU	246	415	-	-	63,964	38,599
SHRIMP	OPAE	-	-	-	-	9,160	29,000
SQUID	MUHEE	7,046	3,968	110	205	376	500
UNCLASSIFIED		-	-	1,623	2,045	-	-
TOTAL SHELLFISH ET AL.		11,136	16,619	3,145	8,909	122,751	165,371
TOTAL OCEAN CATCH		2,043,991	1,690,235	32,440	31,727	10,988,737	6,413,677
POND CATCH: 2/							
FISH							
BARRACUDA	KAKU	-	-	-	-	440	564
BONEFISH	OIO	-	-	-	-	7,827	4,855
CREVALLE, JACK	ULUA	-	-	-	-	1,747	2,158
MILKFISH	AWA	-	-	-	-	494	265
MOUNTAIN BASS	AHOLEHOLE	-	-	-	-	776	947
MULLET	AMAAMA	663	1,044	-	-	1,469	2,873
SNAPPER, BLUE LINE	TAAPE	-	-	-	-	70	35
TENPOUNDER	AWAAWA	-	-	-	-	543	310
THREADFIN	MOI	-	-	-	-	10	16
TILAPIA		3,277	4,101	-	-	-	-
UNCLASSIFIED		-	-	-	-	2,114	1,174
TOTAL FISH		3,940	5,145	-	-	15,490	13,197
SHELLFISH							
CRABS:							
	KONA	-	-	-	-	15	8
	MOALA	-	-	-	-	54	28
	PAPAI	-	-	-	-	78	39
	SAMOAN	-	-	-	-	38	90
TOTAL SHELLFISH		-	-	-	-	185	165
TOTAL POND CATCH		3,940	5,145	-	-	15,675	13,362
GRAND TOTAL		2,047,931	1,695,380	32,440	31,727	11,004,412	6,427,039

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY ISLANDS, 1976 - Continued

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH:							
	FISH						
AMBERJACK	KAHALA	3,456	2,190	122	112	-	-
BARRACUDA	KAKU	190	120	738	793	25	19
BARRACUDA, JAPANESE	KAWELEA	-	-	696	366	-	-
BIGEYE SCAD	AKULE	123,223	70,186	24,761	14,155	757	591
BONEFISH	OIO	2,854	1,406	470	231	24	24
CREVALLE:							
BLUE	OMILU	-	-	150	158	-	-
JACK	ULUA	3,289	3,117	7,614	8,396	980	610
DAMSELFISH	MAMAMO	5	4	226	265	-	-
DOLPHINFISH	MAHIMAHI	2,875	3,344	7,699	10,462	88	63
EELS, MORAY	PUHI	-	-	6	1	-	-
GOATFISHES:							
	KUMU	189	443	427	710	-	-
	MOANO	130	159	253	273	-	-
	MOLUA	-	-	9,780	10,290	-	-
	WEKE	5,898	4,315	701	369	-	-
	WEKE-ULA	723	662	185	159	50	50
MACKEREL SCAD	OPELU	3,817	1,829	13,561	10,367	240	80
MARLIN:							
BLUE	A'U	2,857	1,537	192	25	-	-
SHORTBILL	A'U	70	70	113	140	-	-
BLACK	A'U	185	130	110	110	-	-
STRIPED	A'U	1,712	1,244	568	522	-	-
MILKFISH	AWA	42	54	740	373	-	-
MOUNTAIN BASS	AHOLEHOLE	564	629	487	630	-	-
MULLET	AMAAMA	1,481	2,396	74	131	-	-
PARROTFISH	UHU	65	33	573	311	-	-
RED BIGEYE	AWEOWEO	287	309	68	44	-	-
RUDDERFISH	NENUE	900	458	1,593	838	-	-
RUNNER	LAE	183	75	162	72	-	-
SEA BASS, BLACK	HAPUUPUU	4,744	4,435	2,856	2,281	10	10
SNAPPERS:							
BLUE LINE	TAAPE	9,102	4,486	339	220	918	334
GRAY	UKU	4,125	3,418	7,617	8,202	29	21
PINK	KALIKALI	361	359	1	1	-	-
PINK	OPAKAPAKA	315	323	35,721	38,526	653	633
RED	ULAULA OR EHU	2,217	2,526	2,936	3,483	-	-
RED	ULAULA KOAE	580	633	6,714	9,878	61	71
SPOT	AAWA	11	5	47	20	-	-
SQUIRRELFISH	UU	2,348	2,911	544	787	271	216
SURGEONFISH:							
	KALA	1,588	768	1,114	392	-	-
	PALANI	199	65	470	216	13	6
	PUALU	-	-	161	97	-	-
TANG:							
CONVICT	MANINI	718	816	1,192	1,374	108	108
ORANGE SPOT	NAENAE	-	-	9	4	-	-
TENPOUNDER	AWAAWA	6	6	36	16	6	2
THREADFIN, PACIFIC	MOI	441	705	479	857	85	65
TILAPIA		51	19	-	-	-	-
TRIGGERFISH	HUMUHUMU	-	-	101	25	-	-
TUNA:							
ALBACORE	AHIPALAHA	2,609	1,934	-	-	-	-
LITTLE	KAWAKAWA	4,771	3,742	17,391	3,529	4,295	2,462
SKIPJACK	AKU	16,576	14,208	1,197,811	320,911	7,017	3,435
YELLOWFIN	AHI	43,784	44,537	6,399	3,751	151	91
TOTAL TUNA		67,740	64,421	1,221,601	328,191	11,463	5,988
WAHOO	ONO	16,418	18,042	8,137	11,475	-	-
UNCLASSIFIED		2,662	2,609	14,939	13,610	438	298
TOTAL FISH		268,621	201,257	1,377,083	479,958	16,219	9,189
SHELLFISH ET AL.							
CRABS:							
	KONA	1,071	1,968	1,897	3,611	4	5
	KUAHONU	456	530	-	-	-	-
	PAPAI	20	36	24	31	-	-
LIMPETS 1/	OPIHI	76	825	776	9,644	-	-
LOBSTERS, SPINY	ULA	-	-	1,436	3,589	25	50
OCTOPUS	HEE	1,308	2,314	4,648	6,628	95	95
SEAWEED	LIMU	190	545	66	98	-	-
SHRIMP	OPAE	-	-	379	1,985	-	-
SQUID	MUHEE	1,008	1,541	65	90	-	-
TREPANG (SEA CUCUMBER)	LOLI	24	29	-	-	-	-
UNCLASSIFIED		-	-	900	630	-	-
TOTAL SHELLFISH ET AL.		4,153	7,788	10,191	26,306	124	150
TOTAL OCEAN CATCH		272,774	209,045	1,387,274	506,264	16,343	9,339
GRAND TOTAL		272,774	209,045	1,387,274	506,264	16,343	9,339

1/ THE WEIGHT OF MEATS FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT. 2/ SALTWATER.

HAWAII - LANDINGS OF CATCH BY GEAR, 1976

SPECIES		HAUL SEINES		BAG NETS	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	KAHALA	-	-	40	40
BARRACUDA	KAKU	1	1	-	-
BIGEYE SCAD	AKULE	584,144	346,910	95,995	58,140
BONEFISH	OIO	829	385	882	323
CREVALLE:					
	OMAKA	21	31	-	-
JACK	ULUA	2,889	4,814	3,959	5,779
DAMSELFISH	MAMAMO	555	555	-	-
GOATFISHES:					
	KUMU	621	1,388	35	42
	WEKE	3,036	1,885	9	5
	WEKE-ULA	11	9	259	175
MACKEREL, SCAD	OPELU	2,827	1,611	1,529	917
MILKFISH	AWA	1,862	873	14	10
MOUNTAIN BASS	AHOLEHOLE	168	171	16	20
MULLET	AMAAMA	2,704	5,285	-	-
PARROTFISH	UHU	354	230	-	-
RED BIGEYE	AAWEOWEO	2	1	-	-
RUDDERFISH	NENUE	823	362	-	-
RUNNER	LAE	4	1	-	-
SNAPPERS:					
BLUE LINE	TAAPE	4,375	1,865	575	234
GRAY	UKU	63	34	-	-
SQUIRRELFISH	UU	114	193	-	-
SURGEONFISH:					
	KALA	2,672	666	105	39
	PALANI	2,752	1,259	-	-
	PUALU	162	73	992	421
TANG, CONVICT	MANINI	105	109	-	-
TENPOUNDER	AWAAWA	88	43	70	35
THREADFIN, PACIFIC	MOI	591	1,657	100	200
UNCLASSIFIED	....	662	522	-	-
TOTAL		612,435	370,933	104,580	66,380

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET, OR STAKE		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	KAHALA	834	439	106	57	35,772	20,452
ANCHOVY	NEHU	-	-	80	69	-	-
BARRACUDA	KAKU	-	-	89	61	1,368	844
BARRACUDA, JAPANESE	KAWELEA	12	7	203	93	4,256	3,116
BIGEYE SCAD	AKULE	-	-	141,847	80,135	90,699	92,707
BONEFISH	OIO	31	22	4,087	3,863	2,782	1,873
CREVALLE:							
	OMAKA	-	-	22	28	606	984
BLUE	OMILU	275	306	206	337	1,374	1,652
JACK	ULUA	4,452	4,387	34,604	22,441	39,497	36,879
DAMSELFISH	MAMAMO	584	347	2,271	2,591	17	23
DOLPHINFISH	MAHIMAHI	298	376	-	-	31,166	47,270
EELS:							
CONGER	PUHI	412	137	8	5	65	35
MORAY	PUHI	5,020	1,259	88	28	86	66
GOATFISHES:							
	KUMU	4,747	12,751	2,406	5,616	316	756
	MALU	1,113	1,464	10	14	221	201
	MOANO	4,116	5,214	305	469	3,062	4,196
	MOELUA	-	-	2	3	9,778	10,287
	WEKE	2,777	1,847	20,946	14,900	2,594	3,692
	WEKE-ULA	4,673	6,627	703	531	3,678	5,896
MACKEREL, SCAD	OPELU	423	312	10,801	9,173	180,606	158,174
MARLIN:							
BLUE	A'U	-	-	-	-	10,753	3,748
SAILFISH	A'U LEPE	-	-	-	-	381	151
SHORTBILL	A'U	-	-	-	-	1,049	852
BLACK	A'U	-	-	-	-	1,003	164
STRIPED	A'U	-	-	-	-	11,465	4,521
MILKFISH	AWA	-	-	1,650	961	113	29
MOUNTAIN BASS	AHOLEHOLE	-	-	1,984	2,350	201	197
MULLET	AMAAMA	1	2	9,346	16,875	13	28
PARROTFISH	UHU	535	334	7,364	4,184	134	120
RED BIGEYE	AWEOWEO	9	2	644	564	2,217	1,971
RUDDERFISH	NENUE	7	4	3,981	1,679	1,203	694
RUNNER	LAE	-	-	531	271	16	11
SARDINE	MIKIAWA	25	5	-	-	24	10
SEA BASS, BLACK	HAPUUPUU	14	22	-	-	55,571	71,179

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS OF CATCH BY GEAR. 1976 - Continued

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET, OR STAKE		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SNAPPERS:							
BLUE LINE	TAAPE	3,252	1,668	9,927	5,049	5,186	3,023
GRAY	UKU	324	324	143	79	59,044	64,428
PINK	KALIKALI	-	-	-	-	7,957	12,109
PINK	OPAKAPAKA	354	476	7	5	107,824	152,252
RED	ULAULA OR EHU	-	-	-	-	30,782	55,235
RED	ULAULA KOAE	-	-	-	-	87,862	200,319
SPOT	AAWA	44	8	329	61	931	263
SQUIRRELFISH	UU	402	545	5,564	8,290	13,514	18,166
SURGEONFISH:							
	KALA	2,291	249	6,722	2,085	246	73
	MAIKO	3	1	172	48	-	-
	PALANI	8,237	3,451	8,240	3,077	552	180
	PUALU	3,995	1,814	2,152	726	132	51
SWORDFISH, BROADBILL	A'U	-	-	-	-	2,267	1,436
TANG:							
CONVICT	MANINI	1,945	1,580	2,709	3,009	163	183
ORANGE SPOT	NAENAE	1,752	540	105	44	-	-
TENPOUNDER	AWAAWA	3	-	928	533	63	33
THREADFIN, PACIFIC	MOI	-	-	1,103	1,824	-	-
TILAPIA		-	-	51	19	9	3
TRIGGERFISH	HUMUHUMU	198	141	2	2	497	131
TUNA:							
ALBACORE	AHIPALAHA	-	-	-	-	16,431	7,925
BIGEYE	AHI	-	-	-	-	891	785
BLUEFIN	AHI	-	-	-	-	1,571	2,038
LITTLE	KAWAKAWA	-	-	265	150	66,304	16,618
SKIPJACK	AKU	-	-	55	60	9,743,431	3,804,717
YELLOWFIN	AHI	-	-	-	-	886,515	754,744
UNCLASSIFIED		-	-	-	-	12	4
WAHOO	ONO	-	-	1	1	40,673	34,247
UNCLASSIFIED		3,686	1,992	7,209	6,595	33,778	34,365
CRABS:							
	KONA	3,293	6,719	15	42	35	62
	KUAHONU	9,551	15,537	5	10	-	-
	MOALA	-	-	8	5	-	-
	PAPAI	35	86	14	23	64	109
LIMPETS 1/	OPIHI	-	-	15	293	13	258
LOBSTERS:							
SLIPPER	ULAPAPAPA	106	223	-	-	-	-
SPINY	ULA	2,482	6,099	1,432	3,561	71	134
OCTOPUS	HEE	1,143	1,276	149	219	1,644	1,255
SHRIMP	OPAE	121	185	15	87	8	40
SQUID	MUHEE	79	100	21	33	7,818	5,477
TOTAL		73,654	78,878	291,642	203,228	11,608,374	5,643,441

SPECIES		LINES - CONTINUED				LIFT NETS	
		TROLL		LONG OR SET WITH HOOKS			
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	KAHALA	1,183	645	116	52	-	-
BARRACUDA	KAKU	912	966	93	87	-	-
BARRACUDA, JAPANESE	KAWELEA	39	19	8	6	-	-
BIGEYE SCAD	AKULE	75	80	16	13	-	-
BONEFISH	OIO	14	8	6	3	-	-
CREVALLE:							
	OMAKA	21	34	-	-	-	-
BLUE	OMILU	-	-	10	6	-	-
JACK	ULUA	5,582	5,496	104	90	-	-
DAMSELFISH	MAMAMO	26	32	-	-	-	-
DOLPHINFISH	MAHIMAHI	63,423	100,873	16,461	30,014	-	-
EELS, CONGER	PUHI	-	-	2	1	-	-
GOATFISHES:							
	KUMU	-	-	3	5	-	-
	MOANO	6	8	8	9	-	-
	WEKE	50	23	2	2	-	-
	WEKE-ULA	86	56	24	24	-	-
MACKEREL, SCAD	OPELU	438	326	13,423	9,220	83,460	67,818
MARLIN:							
BLUE	A'U	104,584	36,484	16,751	12,089	-	-
SAILFISH	A'U LEPE	711	275	584	271	-	-
SHORTBILL	A'U	3,127	1,432	7,037	5,098	-	-
BLACK	A'U	4,042	1,628	419	443	-	-
STRIPED	A'U	73,425	28,343	74,264	81,129	-	-
MILKFISH	AWA	-	-	12	5	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES		LINES - CONTINUED				LIFT NETS	
		TROLL		LONG OR SET WITH HOOKS			
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
MOUNTAIN BASS	AHOLEHOLE	9	15	-	-	-	-
PARROTFISH	UHU	10	10	-	-	-	-
RED BIGEYE	AWEOWEO	28	35	348	248	-	-
RUDDERFISH	NENUE	159	108	-	-	-	-
RUNNER	LAE	-	-	2	1	-	-
SARDINE	MIKIAWA	62	37	-	-	-	-
SEA BASS, BLACK	HAPUUPUU	1,200	1,204	244	268	-	-
SNAPPERS:							
BLUE LINE	TAAPE	255	114	84	64	-	-
GRAY	UKU	1,309	1,326	126	130	-	-
PINK	KALIKALI	63	55	540	689	-	-
PINK	OPAKAPAKA	1,325	1,926	836	958	-	-
RED	ULAULA OR EHU	481	582	1,218	2,320	-	-
RED	ULAULA KOAE	350	548	195	367	-	-
SQUIRRELFISH	UU	417	569	1,241	2,433	-	-
SURGEONFISH:							
	KALA	-	-	1	1	139	33
	PALANI	4	2	-	-	65	20
SWORDFISH, BROAD-BILL	A'U	543	451	429	174	-	-
TANG, CONVICE	MANINI	3	4	-	-	-	-
TEN POUNDER	AWAAWA	9	10	-	-	-	-
THREADFIN, PACIFIC	MOI	41	59	-	-	-	-
TRIGGERFISH	HUMUHUMU	32	10	-	-	-	-
TUNA:							
ALBACORE	AHIPALAHA	2,695	1,991	40,151	30,407	-	-
BIGEYE	AHI	1,604	2,185	428,362	817,733	-	-
BLUEFIN	AHI	2,089	2,053	-	-	-	-
LITTLE	KAWAKAWA	8,423	6,098	50	37	-	-
SKIPJACK	AKU	28,674	21,949	29	22	-	-
YELLOWFIN	AHI	569,984	563,983	245,386	354,125	-	-
WAHOO	ONO	87,187	86,740	7,536	6,412	-	-
UNCLASSIFIED FISH		8,563	9,565	540	624	-	-
CRABS:							
	KONA	-	-	-	-	21,521	50,610
	KUAHONU	-	-	-	-	10,129	17,870
	MOALA	-	-	-	-	602	491
	PAPAI	-	-	-	-	1,178	797
	SAMOAN	-	-	-	-	20	56
LOBSTERS:							
SLIPPER	ULAPAPAPA	-	-	-	-	1	5
SPINY	ULA	-	-	-	-	1	5
SQUID	MUHEE	-	-	299	124	-	-
TOTAL		973,263	878,357	856,960	1,355,704	117,116	137,705

SPECIES		CAST NETS		SPEARS		BY HAND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BONEFISH	OIO	25	20	-	-	-	-
BIGEYE SCAD	AKULE	20	20	-	-	-	-
CREVALLE, JACK	ULUA	4	3	35	20	-	-
DAMSELFISH	MAMAMO	-	-	52	46	-	-
EELS, CONGER	PUHI	-	-	11	4	-	-
GOATFISHES:							
	KUMU	3	5	15	27	-	-
	MOANO	42	72	-	-	-	-
	WEKE	37	23	-	-	-	-
	WEKE-ULA	-	-	9	8	-	-
MOUNTAIN BASS	AHOLEHOLE	185	255	28	28	-	-
MULLET	AMAAMA	57	102	-	-	-	-
PARROTFISH	UHU	66	27	170	90	-	-
RED BIGEYE	AWEOWEO	2	1	7	9	-	-
RUDDERFISH	NENUE	583	343	-	-	-	-
SQUIRRELFISH	UU	66	86	36	48	-	-
SURGEONFISH:							
	KALA	431	130	-	-	-	-
	MAIKO	72	70	-	-	-	-
	PALANI	68	24	17	6	-	-
	PUALU	371	106	-	-	-	-
TANG, CONVICT	MANINI	2,114	2,302	2	2	-	-
THREADFIN, PACIFIC	MOI	464	699	-	-	-	-
UNCLASSIFIED FISH		599	671	269	99	53	38
LIMPETS 1/	OPIHI	-	-	-	-	2,292	22,163
LOBSTERS, SPINY	ULA	-	-	210	562	235	541
OCTOPUS	HEE	15	24	8,941	12,811	-	-
SEAWEED	LIMU	-	-	227	159	2	5
SHRIMP	OPAE	-	-	-	-	17	98
SQUID	MUHEE	-	-	368	551	-	-
UNCLASSIFIED SHELLFISH		-	-	-	-	193	241
TOTAL		5,224	4,983	10,397	14,470	2,792	23,086

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS OF CATCH BY GEAR, 1976 - Continued

SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BARRACUDA	KAKU	-	-	-	-	440	564
BIGEYE SCAD	AKULE	433	260	-	-	-	-
BONEFISH	OIO	890	441	-	-	7,827	4,855
CREVALLE:							
BLUE	OMILU	-	-	12	9	-	-
JACK	ULUA	36	29	78	78	1,747	2,158
DAMSELFISH	MAMAMO	1	1	53	57	-	-
DOLPHINFISH	MAHIMAHI	-	-	5	5	-	-
EELS, MORAY	PUHI	-	-	93	34	-	-
GOATFISHES:							
	KUMU	3	5	95	251	-	-
	MOANO	-	-	69	82	-	-
	WEKE	154	93	682	499	-	-
	WEKE-ULA	-	-	11	15	-	-
MACKEREL, SCAD	OPELU	125	75	1,869	2,678	-	-
MILKFISH	AWA	-	-	-	-	494	265
MOUNTAIN BASS	AHOLEHOLE	-	-	9	11	776	947
MULLET	AMAAMA	-	-	-	-	2,132	3,917
PARROTFISH	UHU	22	14	92	74	-	-
RED BIGEYE	AWEOWEO	-	-	3	4	-	-
RUDDERFISH	NENUE	14	5	6	3	-	-
SNAPPERS:							
BLUE LINE	TAAPE	-	-	734	445	70	35
PINK	OPAKAPAKA	-	-	36	50	-	-
SPOT	AAWA	6	1	8	1	-	-
SQUIRRELFISH	UU	-	-	125	190	-	-
SURGEONFISH:							
	KALA	737	344	1	-	-	-
	PALANI	-	-	366	180	-	-
	PUALU	49	17	-	-	-	-
TANG:							
CONVICT	MANINI	-	-	133	165	-	-
ORANGE SPOT	NAENAE	-	-	16	6	-	-
TENPOUNDER	AWAAWA	-	-	-	-	543	310
THREADFIN, PACIFIC	MOI	-	-	-	-	10	16
TILAPIA		-	-	-	-	3,277	4,101
TUNA:							
LITTLE	KAWAKAWA	6	3	575	343	-	-
SKIPJACK	AKU	-	-	142	190	-	-
UNCLASSIFIED FISH		40	63	281	204	2,114	1,174
CRABS:							
	KONA	-	-	74	93	15	8
	KUAHONU	-	-	22	22	-	-
	MOALA	-	-	-	-	54	28
	PAPAI	-	-	-	-	78	39
	SAMOAN	-	-	-	-	38	90
LIMPETS 1/	OPIHI	-	-	246	2,384	-	-
LOBSTERS:							
SLIPPER	ULAPAPAPA	-	-	38	63	-	-
SPINY	ULA	5	23	195	457	-	-
OCTOPUS	HEE	-	-	343	505	-	-
SEA URCHINS	WANA	-	-	200	100	-	-
SEAWEED	LIMU	-	-	64,237	39,493	-	-
SHRIMP	OPAE	3,718	11,749	5,660	18,826	-	-
SQUID	MUHEE	-	-	20	19	-	-
TREPANG (SEA CUCUMBERS)	LOLI	-	-	24	29	-	-
UNCLASSIFIED SHELLFISH		-	-	2,330	2,434	-	-
TOTAL		6,239	13,123	78,883	69,999	19,615	18,507

1/ THE WEIGHT OF MEATS FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.

HAWAII, AMERICAN SAMOA, AND PUERTO RICO

SUMMARY OF PROCESSED PRODUCTS, 1976

Item	Unit	Quantity	Dollars
		Thousands	Thousands
Fresh	Pounds	1,808	2,226
Canned	Standard cases	16,145	451,016
Cured	Pounds	582	1,061
Industrial	—	—	(1)
Total	—	—	454,303

(1) Included with canned.

VALUE OF PROCESSED PRODUCTS, BY STATES, 1976

State	Thousand dollars
Hawaii and American Samoa	89,646
Puerto Rico	364,657
Total	454,303

PROCESSING AND WHOLESALE ESTABLISHMENTS AND EMPLOYMENT, 1976

State and areas	Processing			Wholesale			Total		
		Employment average			Employment average			Employment average	
	Plants	Season	Year	Plants	Season	Year	Plants	Season	Year
	Number								
Hawaii and American Samoa	24	1,765	1,483	14	183	183	38	1,948	1,666
Puerto Rico	5	6,727	5,978	—	—	—	5	6,727	5,978
Total	29	8,492	7,461	14	183	183	43	8,675	7,644

Note:--Employment is reported by each plant for each month for the payroll period that includes the 12th of the month. Employment for the season is based on the greatest number of employees working during the payroll period that included the 12th of each month. Employment for the year is obtained by adding the number of employees recorded as working during the payroll period that included the 12th of each month, and dividing by 12.

HAWAII, AMERICAN SAMOA, AND PUERTO RICO

PROCESSED FISHERY PRODUCTS, 1976

Item	State and areas	Unit	Quantity	Dollars
			- - - - Thousands	- - - - - -
Pollock, Pacific, fresh breaded cooked cakes	Hawaii	Pounds	650	851
Sablefish salted in wine and bean curd . . .	do	do	113	224
Salmon salted, with tomatoes and onions . .	do	do	14	26
Tuna:				
Fresh, diced with condiments	do	do	88	199
Canned:				
Albacore	Hawaii, American Samoa, and Puerto Rico	Standard cases	3,477	122,508
Lightmeat	do	do	10,906	287,457
Total	do	do	14,383	409,965
Animal food	do	do	1,758	36,970
Sun-dried	Hawaii	Pounds	94	354
Meal and scrap	American Samoa and Puerto Rico	Tons	19	3,915
Unclassified:				
Fresh	Hawaii	Pounds	(1) 1,230	(1) 1,341
Canned	American Samoa	Standard cases	(1)	(1)
Cured	Hawaii	Pounds	(2) 365	(2) 458
Industrial	Puerto Rico	—	—	(1)
Total		—	—	454,303

(1) Includes bonefish and butterfish steamed with vegetables; dolphin fillets; rockfishes, ten pounder (ladyfish), and unclassified fish cakes breaded and cooked; limpets shucked; octopus, cooked with condiments; canned wahoo; and the values of tuna oil and solubles. (2) Includes amberjack, bigeye scad, goatfishes, Pacific mackerel, and mackerel scad (opelu) sun-dried; bonefish salted with tomatoes and onions; cod, sun-dried in hot sauce; sablefish salted; salmon roe salted in wine curd; tuna paste salted, and tuna smoked.

Note:--Some of the products may have been processed from raw products imported from another State or a foreign country; therefore, they cannot be correlated directly with landings within the State. Certain items are shown in an intermediate and also a more advanced stage of processing.

SECTION 11
PUERTO RICO FISHERIES

Landings in Puerto Rico are not included in the United States landings table in the General Review or Review of Certain Major Fisheries sections.

Puerto Rico landings were 179.0 million pounds valued at $53.0 million—down 2.1 million pounds from the record volume in 1975, but up $6.2. million. Tuna landings were 97 percent of the total catch. Landings of 179.0 million pounds valued at a record $53.0 million declined 2 percent in volume, but increased 13 percent in value compared with 1975. Yellowfin tuna predominated with landings of 108.4 million pounds, an increase of 8.8 million pounds over 1975. Landings of yellowfin were 62 percent of the total tuna production. Landings of skipjack tuna of 65.6 million pounds declined 11.1 million pounds and bluefin tuna, 308,000 pounds, declined 398,000 pounds from 1975.

Landings made by local fishermen, consisting largely of marine fish and shellfish, were 4.7 million pounds worth $3.0 million—an increase of 17 percent in volume and 28 percent in value over 1975. Fish were 85 percent of the total local landings. At least 1,230 fishermen operated 902 boats in 1976. The number of fishermen remained the same as in 1975, but there was an increase of 37 boats. The fishing gear consisted principally of fish pots (57 percent), and hand and troll lines (29 percent). The pot fishery was concentrated mainly in the western region. Cabo Rojo, the fishing center with the most fish pots, was also the area showing the greatest production.

Data on local Puerto Rico fisheries are from statistics published by the Commonwealth of Puerto Rico, Department of Agriculture.

PUERTO RICO - SUMMARY OF OPERATING UNITS, 1976

ITEM	NORTH COAST	SOUTH COAST	EAST COAST	WEST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	141	305	250	363	1,059
CASUAL	74	43	12	42	171
TOTAL	215	348	262	405	1,230
BOATS:					
MOTOR	104	268	134	328	834
OTHER	23	12	12	21	68
GEAR:					
BEACH SEINES	19	85	82	68	254
POTS:					
FISH	278	2,577	2,184	3,152	8,191
LOBSTER	22	366	473	-	861
GILL NETS	115	85	32	74	306
TURTLE NETS	60	139	55	-	254
LINES:					
HAND	281	125	225	341	972
TROLL	228	118	201	255	802
TROT	25	47	24	105	201
POLE	17	70	46	-	133
CAST NETS	204	66	107	101	478
SPEARS	49	25	55	12	141
OTHER	-	6	-	-	6

NOTE:--INCLUDES ONLY LOCAL CRAFT. DOES NOT INCLUDE VESSELS IN TUNA FLEET.

PUERTO RICO - LANDINGS BY REGIONS, 1976

SPECIES	NORTH COAST		SOUTH COAST		EAST COAST	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BALLYHOO	6	(1)	23	11	3	1
BARRACUDA	7	3	13	7	11	6
BLUE MARLIN	-	-	1	(1)	(1)	(1)
DOLPHINFISH	(1)	(1)	10	5	2	1
GOATFISH	(1)	(1)	35	17	66	38
GROUPERS	22	16	135	71	107	67
GRUNTS	4	2	310	128	101	55
HOGFISH	3	2	6	4	33	21
JACK	31	15	7	4	11	5
MACKEREL	38	25	56	33	29	18
MOJARRA	9	4	1	1	4	2
MULLET	27	13	30	14	4	2
PARROTFISH	3	2	47	14	29	15
PORGY	(1)	(1)	16	8	44	25
SARDINE	23	14	(1)	(1)	(1)	(1)
SNAPPERS:						
LANE	3	2	41	27	29	18
MUTTON	3	2	15	8	22	14
SILK	40	42	62	45	22	17
YELLOWTAIL	21	15	19	10	33	22
OTHER	20	15	12	6	12	7
SNOOK	12	7	11	6	2	1
SQUIRRELFISH	2	1	9	4	4	2
TRIGGERFISH	(1)	(1)	22	11	38	19
TRUNKFISH	(1)	(1)	4	2	21	8
TUNA	17	8	2	1	5	2
OTHER FISH	59	30	23	10	45	16
TOTAL FISH	350	218	910	447	677	382
CONCHS	1	1	24	18	14	12
LAND CRAB	8	8	(1)	(1)	1	2
LOBSTER, SPINY	3	6	109	205	122	224
OCTOPUS	1	1	5	4	2	2
OYSTERS	(1)	(1)	(1)	(1)	(1)	(1)
TURTLES	1	2	10	8	2	2
OTHER SHELLFISH	12	9	1	1	2	1
TOTAL SHELLFISH ET AL.	26	27	149	236	143	243
GRAND TOTAL	376	245	1,059	683	820	625

SPECIES	WEST COAST		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BALLYHOO	5	3	37	15
BARRACUDA	6	3	37	19
BLUE MARLIN	1	1	2	1
DOLPHINFISH	7	4	19	10
GOATFISH	189	56	290	111
GROUPERS	267	133	531	287
GRUNTS	509	170	924	355
HOGFISH	13	7	55	34
JACK	22	10	71	34
MACKEREL	67	48	190	124
MOJARRA	3	1	17	8
MULLET	11	5	72	34
PARROTFISH	224	47	303	78
PORGY	5	2	65	35
SARDINE	(1)	(1)	23	14
SNAPPERS:				
LANE	50	32	123	79
MUTTON	37	20	77	44
SILK	295	272	419	376
YELLOWTAIL	55	33	128	80
OTHER	24	12	68	40
SNOOK	18	10	43	24
SQUIRRELFISH	51	10	66	17
TRIGGERFISH	17	5	77	35
TRUNKFISH	5	3	30	13
TUNA	124	54	148	65
OTHER FISH	32	13	159	69
TOTAL FISH	2,037	954	3,974	2,001
CONCH	165	103	204	134
LAND CRAB	1	1	10	11
LOBSTER, SPINY	150	295	384	730
OCTOPUS	(1)	(1)	8	7
OYSTERS	76	76	76	76
TURTLES	10	6	23	18
OTHER SHELLFISH	2	5	17	16
TOTAL SHELLFISH ET AL.	404	486	722	992
GRAND TOTAL	2,441	1,440	4,696	2,993

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--DOES NOT INCLUDE DATA ON TUNA LANDINGS MADE BY U.S. FLAG VESSELS IN PUERTO RICO PORTS.

PUERTO RICO FISHERIES

PUERTO RICO - LANDINGS OF CATCH BY GEAR, 1976

SPECIES	BEACH SEINES		POTS			
			FISH		LOBSTER, SPINY	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BALLYHOO	25,000	11,364	-	-	-	-
BARRACUDA	13,000	6,301	-	-	-	-
GOATFISH	-	-	290,000	110,961	-	-
GROUPERS	5,000	2,544	397,000	214,061	-	-
GRUNTS	28,000	13,631	832,000	315,341	-	-
HOGFISH	-	-	49,000	29,329	-	-
JACK	26,000	12,316	5,000	2,212	-	-
MACKEREL	31,000	20,311	-	-	-	-
MULLET	14,000	6,767	-	-	-	-
PARROTFISH	4,000	1,415	288,000	71,797	-	-
PORGY	10,000	4,731	47,000	26,313	-	-
SARDINE	3,000	734	-	-	-	-
SNAPPERS:						
LANE	4,000	2,260	74,000	43,004	-	-
MUTTON	3,000	1,455	62,000	34,309	-	-
SILK	-	-	98,000	92,267	-	-
YELLOWTAIL	8,000	4,221	65,000	38,037	-	-
OTHER	2,000	717	34,000	18,712	-	-
SNOOK	9,000	5,605	3,000	1,279	-	-
SQUIRRELFISH	800	432	62,000	15,384	-	-
TRIGGERFISH	-	-	75,000	33,604	-	-
TRUNKFISH	-	-	30,000	12,810	-	-
TUNA	15,000	6,060	-	-	-	-
OTHER FISH	28,000	11,503	66,000	25,148	-	-
LOBSTER	-	-	332,000	629,477	25,000	48,072
OCTOPUS	-	-	3,000	2,598	-	-
OTHER SHELLFISH	-	-	2,000	1,805	-	-
TOTAL FISH	228,800	112,367	2,814,000	1,718,448	25,000	48,072

SPECIES	GILL NETS		LINES					
			HAND		TROLL		TROT	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BALLYHOO	12,000	4,468	-	-	-	-	-	-
BARRACUDA	3,000	1,591	-	-	21,000	11,533	-	-
DOLPHINFISH	-	-	-	-	19,000	9,775	-	-
BLUE MARLIN	-	-	-	-	2,000	905	-	-
GROUPERS	-	-	129,000	70,665	-	-	-	-
GRUNTS	60,000	24,847	4,000	1,881	-	-	-	-
HOGFISH	-	-	2,000	1,500	-	-	-	-
JACK	12,000	4,872	28,000	14,609	-	-	-	-
MACKEREL	10,000	5,939	-	-	149,000	97,525	-	-
MOJARRA	16,000	7,590	-	-	-	-	-	-
MULLET	56,000	26,361	-	-	-	-	-	-
PARROTFISH	10,000	3,616	1,000	691	-	-	-	-
PORGY	6,000	2,812	2,000	929	-	-	-	-
SARDINE	1,000	825	-	-	-	-	-	-
SNAPPERS:								
LANE	-	-	32,000	23,061	-	-	13,000	10,429
MUTTON	3,000	1,901	9,000	5,904	-	-	-	-
SILK	-	-	321,000	284,201	-	-	-	-
YELLOWTAIL	6,000	3,860	48,000	33,379	-	-	1,000	863
OTHER	7,000	4,580	24,000	15,340	-	-	-	-
SNOOK	30,000	16,072	1,000	716	-	-	-	-
SQUIRRELFISH	3,000	1,153	200	72	-	-	-	-
TRIGGERFISH	-	-	2,000	976	-	-	-	-
TUNA	-	-	-	-	133,000	58,538	-	-
OTHER FISH	31,000	13,879	29,000	16,123	-	-	1,000	300
TURTLE	19,000	14,892	-	-	-	-	-	-
TOTAL	285,000	139,258	632,200	470,047	324,000	178,276	15,000	11,592

SPECIES	CAST NETS		SPEARS		BY HAND	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
HOGFISH	-	-	4,000	2,446	-	-
MOJARRA	1,000	320	-	-	-	-
MULLET	2,000	1,072	-	-	-	-
SARDINE	19,000	12,636	-	-	-	-
SNAPPER, OTHER	-	-	1,000	837	-	-
OTHER FISH	4,000	2,037	-	-	-	-
TURTLE	-	-	2,000	2,333	2,000	1,199
CONCHS	-	-	-	-	204,000	133,600
LAND CRABS	-	-	-	-	10,000	11,100
LOBSTER	-	-	11,000	21,689	16,000	31,229
OCTOPUS	-	-	1,000	843	4,000	3,759
OYSTERS	-	-	-	-	76,000	76,000
OTHER SHELLFISH	-	-	-	-	15,000	14,195
TOTAL	26,000	16,065	19,000	28,148	327,000	271,082

PUERTO RICO FISHERIES

PUERTO RICO LANDINGS, 1953-76

YEAR	TUNA							
	BLUEFIN		SKIPJACK		YELLOWFIN		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
1953.	(1)	(1)	(1)	(1)	(1)	(1)	2,704	(1)
1954.	(1)	(1)	(1)	(1)	(1)	(1)	6,388	(1)
1955.	(1)	(1)	(1)	(1)	(1)	(1)	9,549	(1)
1956.	(1)	(1)	(1)	(1)	(1)	(1)	12,000	(1)
1957.	(1)	(1)	(1)	(1)	(1)	(1)	18,393	(1)
1958.	(1)	(1)	(1)	(1)	(1)	(1)	16,652	(1)
1959.	(1)	(1)	(1)	(1)	(1)	(1)	22,090	(1)
1960.	(1)	(1)	5,692	(1)	15,218	(1)	20,910	(1)
1961.	(1)	(1)	10,392	(1)	20,658	(1)	31,050	(1)
1962.	1,676	(1)	20,086	(1)	7,028	(1)	28,790	(1)
1963 [3] . . .	2,494	254	30,454	2,966	4,078	500	37,026	3,720
1964.	4,324	476	30,447	2,816	13,622	1,669	48,393	4,961
1965.	2,346	287	42,064	4,417	10,166	1,398	54,576	6,102
1966.	1,286	176	37,962	4,881	25,450	4,337	64,698	9,394
1967.	1,360	150	77,702	7,343	18,820	2,456	97,882	9,949
1968.	-	-	46,672	6,096	60,988	9,526	107,660	15,622
1969.	-	-	28,014	3,847	68,254	11,041	96,268	14,888
1970.	1,004	177	23,948	3,835	53,802	9,719	78,754	13,731
1971.	1,858	368	84,630	15,741	40,974	8,564	127,462	24,673
1972.	1,528	322	41,044	8,249	103,656	22,908	[4]146,320	[4]31,510
1973.	58	13	63,616	14,646	108,818	26,516	172,492	41,175
1974.	318	88	76,128	20,457	88,562	25,417	165,008	45,962
1975.	760	183	76,744	17,821	99,594	26,444	[4]177,100	[4]44,449
1976.	308	88	65,620	17,856	108,414	32,091	[4]174,346	[4]50,037

YEAR	OTHER							
	FRESHWATER FISH		UNCLASSIFIED FISH		CRUSTACEANS		MOLLUSKS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
1953.	441	(1)	4,409	(1)	441	(1)	(2)	(1)
1954.	441	(1)	4,630	(1)	441	(1)	(2)	(1)
1955.	441	(1)	4,630	(1)	661	(1)	(2)	(1)
1956.	441	(1)	4,850	(1)	661	(1)	(2)	(1)
1957.	441	(1)	4,850	(1)	661	(1)	(2)	(1)
1958.	441	(1)	5,071	(1)	661	(1)	(2)	(1)
1959.	441	(1)	5,291	(1)	661	(1)	(2)	(1)
1960.	441	(1)	5,512	(1)	661	(1)	(2)	(1)
1961.	441	(1)	5,952	(1)	661	(1)	(2)	(1)
1962.	441	(1)	6,614	(1)	661	(1)	(2)	(1)
1963 [3] . . .	441	88	7,496	1,357	1,102	431	(2)	(1)
1964.	441	97	8,378	1,843	1,102	551	(2)	(1)
1965.	441	110	9,039	2,079	1,323	727	(2)	(1)
1966.	441	110	9,039	2,079	1,323	760	(2)	(1)
1967.	441	132	8,598	1,934	1,984	1,300	(2)	(1)
1968.	441	132	8,598	1,771	1,764	1,330	220	98
1969.	441	132	2,866	654	220	229	(2)	25
1970.	441	132	3,748	1,069	441	400	220	72
1971.	441	132	2,864	903	354	321	183	78
1972.	441	132	2,668	963	313	338	234	131
1973.	441	132	2,475	922	298	386	186	108
1974.	441	132	2,593	1,138	268	395	210	130
1975.	441	132	2,992	1,520	329	524	218	132
1976.	441	132	3,533	1,869	394	741	280	210

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PUERTO RICO FISHERIES

PUERTO RICO LANDINGS, 1953-76 - Continued

YEAR	OTHER - CONTINUED				GRAND TOTAL	
	MISCELLANEOUS SHELLFISH ET AL.		TOTAL			
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
1953	(2)	(1)	5,291	(1)	7,995	(1)
1954	(2)	(1)	5,512	(1)	11,900	(1)
1955	(2)	(1)	5,732	(1)	15,281	(1)
1956	(2)	(1)	5,952	(1)	17,952	(1)
1957	(2)	(1)	5,952	(1)	24,345	(1)
1958	(2)	(1)	6,173	(1)	22,825	(1)
1959	(2)	(1)	6,393	(1)	28,483	(1)
1960	220	(1)	6,834	(1)	27,744	(1)
1961	220	(1)	7,274	(1)	38,324	(1)
1962	(2)	(1)	7,716	(1)	36,506	(1)
1963 3/	220	66	9,259	1,942	46,285	5,662
1964	220	66	10,141	2,557	58,534	7,518
1965	220	77	11,023	2,993	65,599	9,095
1966	220	77	11,023	3,026	75,721	12,420
1967	220	80	11,243	3,446	109,125	13,395
1968	220	73	11,243	3,404	118,903	19,026
1969	(2)	11	3,527	1,051	99,795	15,939
1970	(2)	15	4,850	1,688	83,604	15,419
1971	39	12	3,881	1,446	131,343	26,119
1972	25	10	3,681	1,574	4/150,001	4/33,084
1973	22	10	3,422	1,558	175,914	42,733
1974	15	9	3,527	1,804	168,535	47,766
1975	30	23	4,010	2,331	4/181,110	4/46,780
1976	48	41	4,696	2,993	4/179,042	4/53,030

1/ NOT AVAILABLE.
2/ NEGLIGIBLE.
3/ ADDITIONAL LANDINGS OF BLUEFIN (640,000 POUNDS) AND SKIPJACK (596,000 POUNDS) TUNA WERE MADE AT U.S. ATLANTIC COAST PORTS AND TRANSSHIPPED TO PUERTO RICO.
4/ INCLUDES 92,000 POUNDS OF ALBACORE VALUED AT $31,000 IN 1972, 2,000 POUNDS VALUED AT $1,000 IN 1975, AND 4,000 POUNDS OF ALBACORE VALUED AT $2,000 IN 1976.

NOTE:--DATA FOR 1953-71 ON PUERTO RICO LANDINGS MADE BY LOCAL FISHERMEN ARE FROM THE YEARBOOK OF FISHERY STATISTICS (VARIOUS YEARS), FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. METRIC TONS HAVE BEEN CONVERTED TO POUNDS BY MULTIPLYING BY 2,204.6 THE 1972-76 LANDINGS AND VALUE TOTALS ARE FROM TABULATIONS PREPARED BY THE PUERTO RICO DEPARTMENT OF AGRICULTURE, COMMERCIAL FISHERIES LABORATORY. DATA ON TUNA LANDINGS IN PUERTO RICO BY U.S. FISHERMEN WERE OBTAINED BY THE NATIONAL MARINE FISHERIES SERVICE.

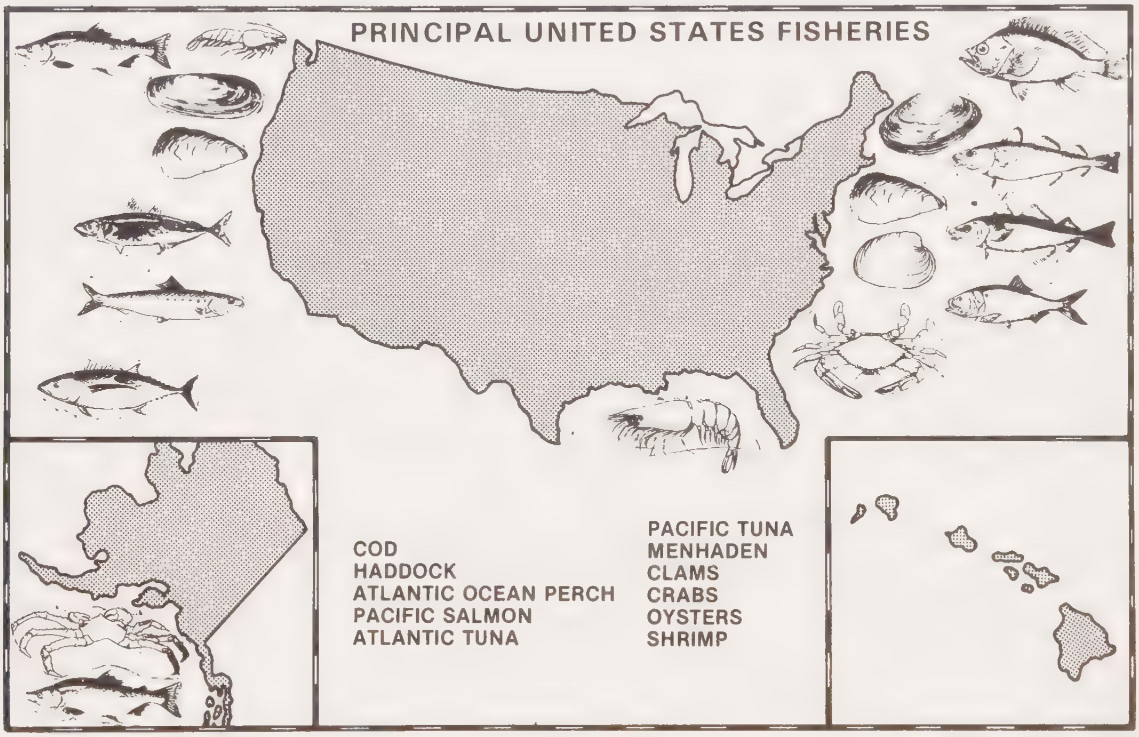
ATLANTIC AND PACIFIC OCEANS, 1953-76
PUERTO RICO TUNA LANDINGS

YEAR	BLUEFIN		SKIPJACK		YELLOWFIN		TOTAL		GRAND TOTAL
	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	
	THOUSAND POUNDS								
1953	-	(1)	-	(1)	-	(1)	-	2,704	.2,704
1954	-	(1)	-	(1)	-	(1)	-	6,388	6,388
1955	-	(1)	-	(1)	-	(1)	-	9,549	9,549
1956	-	(1)	-	(1)	-	(1)	-	12,000	12,000
1957	-	(1)	-	(1)	-	(1)	-	18,393	18,393
1958	-	(1)	-	(1)	-	(1)	-	16,652	16,652
1959	-	(1)	-	(1)	-	(1)	-	22,090	22,090
1960	-	-	-	5,692	-	15,218	-	20,910	20,910
1961	-	-	-	10,392	-	20,658	-	31,050	31,050
1962	1,676	-	936	19,150	-	7,028	-	26,178	28,790
1963 2/	2,494	-	2,326	28,128	-	4,078	4,820	32,206	37,026
1964	4,324	-	6,508	23,939	-	13,622	10,833	37,561	48,393
1965	2,346	-	128	41,936	-	10,166	2,474	52,102	54,576
1966	248	1,038	-	37,962	-	25,450	248	64,450	64,698
1967	838	522	914	76,788	1,620	17,200	3,372	94,510	97,882
1968	-	-	6;844	39,828	13,454	47,534	20,298	87,362	107,660
1969	-	-	8,270	19,744	24,670	43,584	32,940	63,328	96,268
1970	1,004	-	19,984	3,964	14,792	39,010	35,780	42,974	78,754
1971	1,858	-	29,922	54,708	9,248	31,726	41,028	86,434	127,462
1972	514	1,014	27,436	13,608	25,482	78,174	3/53,450	3/92,870	146,320
1973	-	58	40,002	23,614	6,144	102,674	46,146	126,346	172,492
1974	8	310	29,278	46,850	10,976	77,586	40,262	124,746	165,008
1975	124	636	23,272	53,472	30,230	69,364	3/53,628	123,472	177,100
1976	-	308	3,590	62,030	3,910	104,504	7,500	3/166,846	174,346

1/ NOT AVAILABLE.
2/ ADDITIONAL LANDINGS OF BLUEFIN (640,000 POUNDS) AND SKIPJACK (596,000 POUNDS) TUNA WERE MADE AT U.S. ATLANTIC COAST PORTS AND TRANSSHIPPED TO PUERTO RICO.
3/ INCLUDES 18,000 POUNDS OF ALBACORE TAKEN IN THE ATLANTIC OCEAN AND 74,000 POUNDS TAKEN IN THE PACIFIC OCEAN IN 1972, 2,000 POUNDS OF ALBACORE TAKEN IN THE ATLANTIC IN 1975, AND 4,000 POUNDS OF ALBACORE TAKEN IN THE PACIFIC IN 1976.

SECTION 12
REVIEW OF CERTAIN MAJOR FISHERIES

In this Section, there are complete data on the commercial landings of certain major species of fish and shellfish taken in the U.S. fisheries. Additional information is presented on the operating units for many of these fisheries. Most of the major species are taken by several types of fishing gear operated in two or more States; because of this, the casual reader of the digest may have difficulty in locating complete data. The information contained in this Section includes operating units and the volume and value of the catch by types of gear, by States, or by districts.


PRINCIPAL UNITED STATES FISHERIES
COD
HADDOCK
ATLANTIC OCEAN PERCH
PACIFIC SALMON
ATLANTIC TUNA
PACIFIC TUNA
MENHADEN
CLAMS
CRABS
OYSTERS
SHRIMP

ATLANTIC OCEAN PERCH FISHERY, 1976

Landings of Atlantic ocean perch were 32.1 million pounds valued at $4.4 million—increases of 79,000 pounds and $1.1 million. The production was 35 percent below the average for the previous 5 years.

Maine landings of 20.8 million pounds valued at $2.6 million was 65 percent of the volume and 59 percent of the value. Massachusetts accounted for 11.3 million pounds or 35 percent of the landings. The remainder was landed at New Hampshire, Massachusetts, and Rhode Island. Ninety-nine percent of the catch was taken by fish otter trawls. The rest was taken by shrimp and lobster otter trawls, midwater trawls, gill nets, and lines.

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. COD FISHERY, 1976

Landings of cod were 69.0 million pounds valued at $16.3 million—increases of 598,000 pounds and $1.7 million over 1975. Massachusetts ports accounted for 68 percent of the total landings, followed by Washington with 17 percent; Maine, 9 percent; and Rhode Island, 2 percent. The remainder was landed in seven other Atlantic and Pacific Coast States.

Eighty-one percent of the catch was taken by otter trawls, 9 percent by lines, 10 percent by gill nets, and the remainder was taken by haul seines, fyke and hoop nets, purse seines, midwater trawls, pound nets, floating traps, and dredges.

SUMMARY OF COD LANDINGS, 1976

AREA AND STATE	HAUL SEINES		PURSE SEINES		OTTER TRAWLS		MIDWATER TRAWLS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:								
MAINE	-	-	-	-	2,276	567	-	-
NEW HAMPSHIRE	-	-	-	-	112	31	-	-
MASSACHUSETTS	5	2	(1)	(1)	39,464	10,534	26	8
RHODE ISLAND	-	-	-	-	1,287	367	1	(1)
CONNECTICUT	-	-	-	-	24	8	-	-
TOTAL	5	2	(1)	(1)	43,163	11,507	27	8
MIDDLE ATLANTIC:								
NEW YORK	-	-	-	-	586	167	-	-
NEW JERSEY	-	-	-	-	28	12	-	-
TOTAL	-	-	-	-	614	179	-	-
CHESAPEAKE, MARYLAND, TOTAL	-	-	-	-	8	3	-	-
PACIFIC COAST:								
ALASKA	-	-	-	-	212	53	-	-
WASHINGTON	-	-	-	-	11,564	1,488	-	-
OREGON	-	-	-	-	630	85	-	-
TOTAL	-	-	-	-	12,406	1,626	-	-
GRAND TOTAL	5	2	(1)	(1)	56,191	13,315	27	8

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF COD LANDINGS, 1976 - Continued

AREA AND STATE	POUND NETS		FLOATING TRAPS		FYKE AND HOOP NETS		POTS AND TRAPS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:								
MAINE	-	-	(1)	(1)	-	-	-	-
MASSACHUSETTS	-	-	7	- 2	-	-	-	-
RHODE ISLAND.	-		2	1	-	-	-	-
CONNECTICUT	-	-	-	-	(1)	(1)	-	-
TOTAL	-	-	9	3	(1)	(1)	-	-
MIDDLE ATLANTIC, NEW YORK, TOTAL.	6	2	-	-	-	-	-	-
PACIFIC COAST, ALASKA. . . .	-	-	-	-	-	-	6	1
GRAND TOTAL	6	2	9	3	(1)	(1)	6	1

AREA AND STATE	GILL NETS		LINES			
			HAND		TROLL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:						
MAINE	3,679	772	6	1	-	-
NEW HAMPSHIRE	539	150	22	6	-	-
MASSACHUSETTS	2,230	615	415	93	-	-
RHODE ISLAND.	37	11	4	1	-	-
CONNECTICUT	-	-	1	(1)	-	-
TOTAL	6,485	1,548	448	101	-	-
MIDDLE ATLANTIC, NEW YORK, TOTAL.	3	1	22	7	-	-
PACIFIC COAST:						
ALASKA.	-	-	13	2	99	20
WASHINGTON.	248	32	1	(1)	1	(1)
TOTAL	248	32	14	2	100	20
GRAND TOTAL	6,736	1,581	484	110	100	20

AREA AND STATE	LINES - CONTINUED		DREDGES		TOTAL	
	LONG OR SET WITH HOOKS					
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:						
MAINE	406	89	-	-	6,367	1,429
NEW HAMPSHIRE	62	18	-	-	735	205
MASSACHUSETTS	4,608	1,098	11	3	46,766	12,355
RHODE ISLAND.	21	8	-	-	1,352	388
CONNECTICUT	-	-	-	-	25	8
TOTAL	5,097	1,213	11	3	55,245	14,385
MIDDLE ATLANTIC:						
NEW YORK.	69	23	-	-	686	200
NEW JERSEY.	62	26	-	-	90	38
TOTAL	131	49	-	-	776	238
CHESAPEAKE, MARYLAND, TOTAL	-	-	-	-	8	3
PACIFIC COAST:						
ALASKA.	164	41	-	-	494	117
WASHINGTON.	1	(1)	-	-	11,815	1,520
OREGON.	-	-	-	-	630	85
TOTAL	165	41	-	-	12,939	1,722
GRAND TOTAL	5,393	1,303	11	3	68,968	16,348

1/ LESS THAN 500 POUNDS OR $500.

ATLANTIC COAST HADDOCK FISHERY, 1976

Landings of haddock were 12.8 million pounds valued at $5.6 million—a decline of 21 percent in volume, but an increase of 5 percent in value compared with 1975. Landings in Massachusetts were 10.9 million pounds—85 percent of the total production.

Fishermen took 93 percent of the total volume with otter trawls and 5 percent with gill nets. The remaining 2 percent was taken by midwater trawls, floating traps, and dredges.

SUMMARY OF HADDOCK LANDINGS, 1976

AREA AND STATE	OTTER TRAWLS		MIDWATER TRAWLS		FLOATING TRAPS		GILL NETS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:								
MAINE	1,086	506	-	-	-	-	419	212
NEW HAMPSHIRE	18	9	-	-	-	-	80	41
MASSACHUSETTS	10,556	4,519	2	(1)	(1)	(1)	120	57
RHODE ISLAND.	287	106	-	-	-	-	-	-
TOTAL	11,947	5,140	2	(1)	(1)	(1)	619	310
MIDDLE ATLANTIC, NEW YORK, TOTAL.	7	3	-	-	-	-	-	-
GRAND TOTAL	11,954	5,143	2	(1)	(1)	(1)	619	310

AREA AND STATE	LINES				DREDGES		TOTAL	
	HAND		LONG OR SET WITH HOOKS					
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:								
MAINE	-	-	32	15	-	-	1,537	733
NEW HAMPSHIRE	3	2	12	7	-	-	113	59
MASSACHUSETTS	7	4	164	85	3	1	10,852	4,666
RHODE ISLAND.	-	-	-	-	-	-	287	106
TOTAL	10	6	208	107	3	1	12,789	5,564
MIDDLE ATLANTIC, NEW YORK, TOTAL.	-	-	-	-	-	-	7	3
GRAND TOTAL	10	6	208	107	3	1	12,796	5,567

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

PACIFIC COAST SALMON FISHERY, 1976

Pacific salmon landings were 310.1 million pounds valued at $191.0 million--increases of 53 percent in volume and 78 percent in value over 1975. Landings were 31 percent above the previous 5-year average of 236.7 million pounds and the best since 1971. Landings increased in all species of salmon. Landings of pink salmon increased 76 percent; red salmon, 60 percent; chum salmon, 72 percent; silver salmon, 30 percent; and chinook salmon, 1 percent.

Landings in Alaska of 245.9 million pounds or 79 percent of the total production increased 79 percent; Oregon with 15.3 million pounds increased 23 percent; and California with 7.8 million pounds increased 12 percent. Landings in Washington (41.2 million pounds) declined 9 percent.

Gill nets took 138.1 million pounds of the landings of Pacific salmon (45 percent); purse seines, 131.2 million pounds (42 percent); and lines, 38.4 million pounds (12 percent). The remaining 1 percent was taken by haul seines, pound nets, dip nets, reef nets, and wheels.

SUMMARY OF SALMON LANDINGS BY SPECIES, 1976

SPECIES	THOUSAND POUNDS	THOUSAND DOLLARS
CHINOOK OR KING	30,089	36,790
CHUM OR KETA.	56,815	26,736
PINK.	102,431	34,883
RED OR SOCKEYE.	83,659	53,862
SILVER OR COHO.	37,081	38,690
UNCLASSIFIED.	13	18
TOTAL	310,088	190,979

SUMMARY OF PACIFIC COAST SALMON PURSE SEINE OPERATING UNITS, 1976

ITEM	ALASKA 1/	WASHINGTON	TOTAL, EXCLUSIVE OF DUPLICATION
		NUMBER	
FISHERMEN:			
ON VESSELS.	5,436	1,728	6,429
ON BOATS AND SHORE. . . .	506	-	506
TOTAL FISHERMEN	5,942	1,728	6,935
VESSELS, MOTOR:			
5 - 9 TONS.	84	1	85
10 - 19 TONS.	381	21	399
20 - 29 TONS.	131	54	166
30 - 39 TONS.	112	81	157
40 - 49 TONS.	108	91	151
50 - 59 TONS.	55	34	70
60 - 69 TONS.	16	13	24
70 - 79 TONS.	14	10	16
80 - 89 TONS.	3	2	4
90 - 99 TONS.	1	1	1
100 - 109 TONS.	1	-	1
TOTAL VESSELS	906	308	1,074
TOTAL GROSS TONNAGE . .	23,374	12,267	29,531
BOATS, MOTOR.	1,310	308	1,478
GEAR.	1,111	308	1,279

1/ INCLUDES SOME HAUL SEINES.

NOTE:--PURSE SEINE OPERATING UNITS WERE CONFINED TO ALASKA AND WASHINGTON.

SUMMARY OF PACIFIC COAST SALMON GILL NET OPERATING UNITS, 1976

ITEM	ANCHOR, SET, OR STAKE				DRIFT			
	ALASKA	WASHINGTON	OREGON	TOTAL, EXCLUSIVE OF DUPLICATION	ALASKA	WASHINGTON	OREGON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER							
FISHERMEN:								
ON VESSELS.	16	48	18	82	1,594	688	108	2,284
ON BOATS AND SHORE. . . .	3,574	142	31	3,747	3,088	1,513	461	5,062
TOTAL FISHERMEN.	3,590	190	49	3,829	4,682	2,201	569	7,346
VESSELS, MOTOR:								
5 - 9 TONS.	1	10	2	13	229	227	43	474
10 - 19 TONS.	3	31	9	43	508	370	34	838
20 - 29 TONS.	2	4	2	8	30	39	15	78
30 - 39 TONS.	-	2	-	2	16	19	7	41
40 - 49 TONS.	-	1	2	3	2	18	3	23
50 - 59 TONS.	-	-	1	1	4	8	2	14
60 - 69 TONS.	1	-	-	1	2	2	3	7
70 - 79 TONS.	-	-	1	1	1	3	-	4
80 - 89 TONS.	1	-	-	1	1	-	1	2
110 - 119 TONS.	-	-	-	-	1	2	-	3
120 - 129 TONS.	-	-	1	1	-	-	-	-
160 - 169 TONS.	-	-	-	-	1	-	-	1
180 - 189 TONS.	-	-	-	-	1	-	-	1
190 - 199 TONS.	-	-	-	-	1	-	-	1
TOTAL VESSELS	8	48	18	74	797	688	108	1,487
TOTAL GROSS TONNAGE . .	225	686	535	1,446	10,560	9,943	1,873	21,012
BOATS, MOTOR.	3,574	142	31	3,747	1,958	1,266	382	3,606
GEAR.	3,582	190	49	3,821	3,885	1,954	490	6,223

SUMMARY OF PACIFIC COAST SALMON TROLL LINE OPERATING UNITS, 1976

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
FISHERMEN:					
ON VESSELS.	1,254	1,117	2,339	2,254	5,892
ON BOATS AND SHORE. . . .	2,440	2,015	1,898	4,092	10,445
TOTAL FISHERMEN.	3,694	3,132	4,237	6,346	16,337
VESSELS, MOTOR:					
5 - 9 TONS.	127	191	254	192	686
10 - 19 TONS.	315	451	529	555	1,542
20 - 29 TONS.	104	178	177	202	526
30 - 39 TONS.	43	100	104	94	263
40 - 49 TONS.	22	40	55	48	128
50 - 59 TONS.	8	10	19	23	51
60 - 69 TONS.	3	9	14	6	27
70 - 79 TONS.	3	2	3	5	12
80 - 89 TONS.	-	-	5	-	5
90 - 99 TONS.	-	1	7	-	7
100 - 109 TONS.	-	-	2	2	4
110 - 119 TONS.	-	-	1	-	1
160 - 169 TONS.	1	-	-	-	1
190 - 199 TONS.	1	-	-	-	1
TOTAL VESSELS.	627	982	1,170	1,127	3,254
TOTAL GROSS TONNAGE. . .	11,502	18,398	23,032	21,387	60,934
BOATS, MOTOR.	1,216	1,688	1,576	2,046	6,526
GEAR.	7,388	11,737	12,475	15,865	44,072

SALMON LANDINGS BY DISTRICT AND CATCH BY GEAR, 1976

GEAR AND SPECIES	ALASKA							
	SOUTHEASTERN		CENTRAL		WESTERN		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
PURSE SEINES:								
CHINOOK OR KING	23	12	52	30	23	12	98	54
CHUM OR KETA.	5,311	2,753	11,985	3,768	2,734	704	20,030	7,225
PINK.	20,852	7,046	62,321	21,145	2,868	842	86,041	29,033
RED OR SOCKEYE.	847	535	13,163	7,371	760	382	14,770	8,288
SILVER OR COHO.	659	437	526	244	3	1	1,188	682
TOTAL	27,692	10,783	88,047	32,558	6,388	1,941	122,127	45,282
GILL NETS, ANCHOR, SET, OR STAKE:								
CHINOOK OR KING	40	34	301	346	1,803	969	2,144	1,349
CHUM OR KETA.	75	52	922	331	7,291	2,438	8,288	2,821
PINK.	117	82	9,010	3,057	199	60	9,326	3,199
RED OR SOCKEYE.	874	757	5,400	4,280	3,421	1,718	9,695	6,755
SILVER OR COHO.	514	438	877	598	804	333	2,195	1,369
TOTAL	1,620	1,363	16,510	8,612	13,518	5,518	31,648	15,493
GILL NETS, DRIFT:								
CHINOOK OR KING	81	80	942	1,115	2,615	1,291	3,638	2,486
CHUM OR KETA.	5,586	3,723	5,532	2,512	6,379	1,788	17,497	8,023
PINK.	1,658	655	3,754	1,274	916	301	6,328	2,230
RED OR SOCKEYE.	2,202	1,829	15,188	12,126	33,827	16,988	51,217	30,943
SILVER OR COHO.	1,487	1,386	2,069	1,352	480	217	4,036	2,955
TOTAL	11,014	7,673	27,485	18,379	44,217	20,585	82,716	46,637
LINES, TROLL:								
CHINOOK OR KING	2,954	4,508	13	15	-	-	2,967	4,523
CHUM OR KETA.	38	26	-	-	-	-	38	26
PINK.	724	410	-	-	-	-	724	410
RED OR SOCKEYE.	8	6	-	-	-	-	8	6
SILVER OR COHO.	3,695	5,032	35	22	-	-	3,730	5,054
TOTAL	7,419	9,982	48	37	-	-	7,467	10,019
WHEELS:								
CHINOOK OR KING	-	-	-	-	67	34	67	34
CHUM OR KETA.	-	-	-	-	1,823	488	1,823	488
SILVER OR COHO.	-	-	-	-	10	4	10	4
TOTAL	-	-	-	-	1,900	526	1,900	526
GRAND TOTAL	47,745	29,801	132,090	59,586	66,023	28,570	245,858	117,957

GEAR AND SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAUL SEINES:								
CHINOOK OR KING	13	19	-	-	-	-	13	19
CHUM OR KETA.	28	21	-	-	-	-	28	21
SILVER OR COHO.	44	46	-	-	-	-	44	46
TOTAL	85	86	-	-	-	-	85	86
PURSE SEINES:								
CHINOOK OR KING	999	1,241	-	-	-	-	999	1,241
CHUM OR KETA.	2,759	2,614	-	-	-	-	2,759	2,614
RED OR SOCKEYE.	3,924	3,598	-	-	-	-	3,924	3,598
SILVER OR COHO.	1,382	1,335	-	-	-	-	1,382	1,335
TOTAL	9,064	8,788	-	-	-	-	9,064	8,788
POUND NETS:								
CHINOOK OR KING	20	31	-	-	-	-	20	31
CHUM OR KETA.	3	2	-	-	-	-	3	2
RED OR SOCKEYE.	2	3	-	-	-	-	2	3
SILVER OR COHO.	31	28	-	-	-	-	31	28
TOTAL	56	64	-	-	-	-	56	64
GILL NETS, ANCHOR, SET, OR STAKE:								
CHINOOK OR KING	1,693	2,555	277	357	2,253	1,117	4,223	4,029
CHUM OR KETA.	2,598	1,942	255	136	-	-	2,853	2,078
PINK.	(1)	(1)	-	-	-	-	(1)	(1)
RED OR SOCKEYE.	495	547	70	100	-	-	565	647
SILVER OR COHO.	1,522	1,469	382	366	26	21	1,930	1,856
TOTAL	6,308	6,513	984	959	2,279	1,138	9,571	8,610
GILL NETS, DRIFT:								
CHINOOK OR KING	629	960	721	1,081	886	1,211	2,236	3,252
CHUM OR KETA.	2,880	2,935	553	450	7	5	3,440	3,390
PINK.	(1)	(1)	-	-	-	-	(1)	(1)
RED OR SOCKEYE.	3,330	3,459	-	-	-	-	3,330	3,459
SILVER OR COHO.	1,068	1,057	205	223	313	348	1,586	1,628
TOTAL	7,907	8,411	1,479	1,754	1,206	1,564	10,592	11,729

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON LANDINGS BY DISTRICT AND CATCH BY GEAR, 1976 - Continued

GEAR AND SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
LINES, TROLL:								
CHINOOK OR KING	931	1,451	2,926	3,963	497	625	4,354	6,039
CHUM OR KETA	3	2	1	1	-	-	4	3
PINK	5	3	2	1	-	-	7	4
RED OR SOCKEYE	4	4	(1)	(1)	-	-	4	4
SILVER OR COHO	1,448	1,626	4,085	4,406	1,630	1,762	7,163	7,794
TOTAL	2,391	3,086	7,014	8,371	2,127	2,387	11,532	13,844
DIP NETS:								
CHINOOK OR KING	1	(1)	-	-	34	26	35	26
CHUM OR KETA	6	3	-	-	-	-	6	3
SILVER OR COHO	5	5	-	-	4	4	9	9
TOTAL	12	8	-	-	38	30	50	38
REEF NETS:								
CHINOOK OR KING	10	13	-	-	-	-	10	13
CHUM OR KETA	38	34	-	-	-	-	38	34
RED OR SOCKEYE	144	159	-	-	-	-	144	159
SILVER OR COHO	41	39	-	-	-	-	41	39
TOTAL	233	245	-	-	-	-	233	245
GRAND TOTAL	26,056	27,201	9,477	11,084	5,650	5,119	41,183	43,404

GEAR AND SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
GILL NETS, ANCHOR, SET, OR STAKE:						
CHINOOK OR KING	474	308	-	-	474	308
CHUM OR KETA	(1)	(1)	-	-	(1)	(1)
RED OR SOCKEYE	(1)	(1)	-	-	(1)	(1)
SILVER OR COHO	10	9	-	-	10	9
TOTAL	484	317	-	-	484	317
GILL NETS, DRIFT:						
CHINOOK OR KING	2,135	2,890	(1)	1	2,135	2,891
CHUM OR KETA	10	8	-	-	10	8
RED OR SOCKEYE	(1)	(1)	-	-	(1)	(1)
SILVER OR COHO	984	1,084	1	1	985	1,085
TOTAL	3,129	3,982	1	2	3,130	3,984
LINES, TROLL:						
CHINOOK OR KING	302	398	1,812	2,915	2,114	3,313
PINK	-	-	5	7	5	7
SILVER OR COHO	764	951	8,764	10,339	9,528	11,290
TOTAL	1,066	1,349	10,581	13,261	11,647	14,610
GRAND TOTAL	4,679	5,648	10,582	13,263	15,261	18,911

GEAR AND SPECIES	CALIFORNIA					
	NORTHERN		SAN FRANCISCO		MONTEREY	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
LINES:						
CHINOOK OR KING	2,160	3,459	1,346	2,041	863	1,340
SILVER OR COHO	2,678	2,922	377	412	146	160
UNCLASSIFIED	2	2	3	4	(1)	(1)
TOTAL	4,840	6,383	1,726	2,457	1,009	1,500
GRAND TOTAL	4,840	6,383	1,726	2,457	1,009	1,500

GEAR AND SPECIES	CALIFORNIA - CONTINUED							
	SANTA BARBARA		SAN PEDRO		SAN DIEGO		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
LINES:								
CHINOOK OR KING	190	340	-	-	-	-	4,559	7,180
SILVER OR COHO	13	15	-	-	-	-	3,214	3,509
UNCLASSIFIED	7	11	1	1	(1)	(1)	13	18
TOTAL	210	366	1	1	(1)	(1)	7,786	10,707
GRAND TOTAL	210	366	1	1	(1)	(1)	7,786	10,707

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--IN ALASKA, LANDINGS TAKEN BY HAUL SEINES ARE INCLUDED WITH THOSE BY PURSE SEINES.

SUMMARY OF SALMON LANDINGS BY DISTRICTS, 1976

SPECIES	ALASKA							
	SOUTHEASTERN		CENTRAL		WESTERN		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CHINOOK OR KING	3,099	4,634	1,309	1,507	4,508	2,306	8,916	8,447
CHUM OR KETA.	11,009	6,555	18,439	6,611	18,227	5,417	47,675	18,583
PINK.	23,351	8,194	75,085	25,475	3,983	1,203	102,419	34,872
RED OR SOCKEYE.	3,931	3,126	33,751	23,777	38,007	19,088	75,689	45,991
SILVER OR COHO.	6,355	7,292	3,506	2,216	1,298	556	11,159	10,064
TOTAL	47,745	29,801	132,090	59,586	66,023	28,570	245,858	117,957

SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CHINOOK OR KING	4,295	6,271	3,925	5,401	3,670	2,980	11,890	14,652
CHUM OR KETA.	8,314	7,553	809	587	7	5	9,130	8,145
PINK.	5	3	2	1	-	-	7	4
RED OR SOCKEYE.	7,900	7,770	70	101	-	-	7,970	7,871
SILVER OR COHO.	5,542	5,604	4,671	4,994	1,973	2,134	12,186	12,732
TOTAL	26,056	27,201	9,477	11,084	5,650	5,119	41,183	43,404

SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CHINOOK OR KING	2,911	3,595	1,813	2,916	4,724	6,511
CHUM OR KETA.	10	8	-	-	10	8
PINK.	-	-	5	7	5	7
RED OR SOCKEYE.	(1)	(1)	-	-	(1)	(1)
SILVER OR COHO.	1,758	2,045	8,764	10,340	10,522	12,385
TOTAL	4,679	5,648	10,582	13,263	15,261	18,911

SPECIES	CALIFORNIA					
	NORTHERN		SAN FRANCISCO		MONTEREY	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CHINOOK OR KING	2,160	3,459	1,346	2,041	863	1,340
SILVER OR COHO.	2,678	2,922	377	412	146	160
UNCLASSIFIED.	2	2	3	4	(1)	(1)
TOTAL	4,840	6,383	1,726	2,457	1,009	1,500

SPECIES	CALIFORNIA - CONTINUED							
	SANTA BARBARA		SAN PEDRO		SAN DIEGO		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CHINOOK OR KING	190	340	-	-	-	-	4,559	7,180
SILVER OR COHO.	13	15	-	-	-	-	3,214	3,509
UNCLASSIFIED.	7	11	1	1	(1)	(1)	13	18
TOTAL	210	366	1	1	(1)	(1)	7,786	10,707

1/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF SALMON LANDINGS OF CATCH BY GEAR, 1976

STATE AND DISTRICT	HAUL SEINES	PURSE SEINES	POUND NETS	GILL NETS	LINES
	THOUSAND POUNDS				
ALASKA:					
SOUTHEASTERN	-	27,692	-	12,634	7,419
CENTRAL	-	88,047	-	43,995	48
WESTERN	-	6,388	-	57,735	-
TOTAL	-	122,127	-	114,364	7,467
WASHINGTON:					
PUGET SOUND	85	9,064	56	14,215	2,391
WASHINGTON COAST	-	-	-	2,463	7,014
COLUMBIA RIVER	-	-	-	3,485	2,127
TOTAL	85	9,064	56	20,163	11,532
OREGON:					
COLUMBIA RIVER	-	-	-	3,613	1,066
OREGON COAST	-	-	-	1	10,581
TOTAL	-	-	-	3,614	11,647
CALIFORNIA:					
NORTHERN	-	-	-	-	4,840
SAN FRANCISCO	-	-	-	-	1,726
MONTEREY	-	-	-	-	1,009
SANTA BARBARA	-	-	-	-	210
SAN PEDRO	-	-	-	-	1
SAN DIEGO	-	-	-	-	(1)
TOTAL	-	-	-	-	7,786
GRAND TOTAL	85	131,191	56	138,141	38,432

STATE AND DISTRICT	DIP NETS	REEF NETS	WHEELS	TOTAL
	THOUSAND POUNDS			
ALASKA:				
SOUTHEASTERN	-	-	-	47,745
CENTRAL	-	-	-	132,090
WESTERN	-	-	1,900	66,023
TOTAL	-	-	1,900	245,858
WASHINGTON:				
PUGET SOUND	12	233	-	26,056
WASHINGTON COAST	-	-	-	9,477
COLUMBIA RIVER	38	-	-	5,650
TOTAL	50	233	-	41,183
OREGON:				
COLUMBIA RIVER	-	-	-	4,679
OREGON COAST	-	-	-	10,582
TOTAL	-	-	-	15,261
CALIFORNIA:				
NORTHERN	-	-	-	4,840
SAN FRANCISCO	-	-	-	1,726
MONTEREY	-	-	-	1,009
SANTA BARBARA	-	-	-	210
SAN PEDRO	-	-	-	1
SAN DIEGO	-	-	-	(1)
TOTAL	-	-	-	7,786
GRAND TOTAL	50	233	1,900	310,088

1/ LESS THAN 500 POUNDS.

NOTE:--IN ALASKA, LANDINGS TAKEN BY HAUL SEINES ARE INCLUDED WITH THOSE TAKEN BY PURSE SEINES.

REVIEW OF CERTAIN MAJOR FISHERIES

ATLANTIC COAST TUNA FISHERY, 1976

Landings of tuna along the Atlantic Coast of 4.1 million pounds valued at $1.7 million declined 17 percent in volume and 7 percent in value from 1975. Landings of bluefin tuna in Massachusetts (1.6 million pounds) declined 25 percent and in New Jersey (1.2 million pounds) declined 52 percent. Massachusetts and New Jersey together accounted for 69 percent of bluefin tuna landings in 1976. The Chesapeake States had landings of bluefin tuna for the first time in many years. Landings were 1.1 million pounds in Maryland and 29,000 pounds in Virginia.

Purse seines took 67 percent of the harvest; lines, 22 percent; and harpoons, 11 percent. A negligible amount was taken by haul seines, otter trawls, midwater trawls, and gill nets.

SUMMARY OF ATLANTIC COAST TUNA LANDINGS, 1976

SPECIES AND STATE	HAUL SEINES		PURSE SEINES		OTTER TRAWLS		MIDWATER TRAWLS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BLUEFIN:								
MASSACHUSETTS	-	-	392	241	2	1	-	-
NEW JERSEY	-	-	1,205	407	(1)	(1)	(1)	(1)
MARYLAND	-	-	1,098	318	-	-	-	-
VIRGINIA	-	-	29	8	-	-	-	-
TOTAL BLUEFIN	-	-	2,724	974	2	1	(1)	(1)
LITTLE:								
NEW JERSEY	-	-	-	-	-	-	(1)	(1)
NORTH CAROLINA	1	(1)	-	-	-	-	(1)	(1)
TOTAL LITTLE	1	(1)	-	-	-	-	(1)	(1)
YELLOWFIN, NEW JERSEY, TOTAL	-	-	11	5	-	-	-	-
GRAND TOTAL	1	(1)	2,735	979	2	1	(1)	(1)

SPECIES AND STATE	GILL NETS		LINES		HARPOONS		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BLUEFIN:								
MAINE	1	(1)	6	2	63	24	70	26
NEW HAMPSHIRE	-	-	14	5	19	7	32	12
MASSACHUSETTS	1	1	861	411	360	234	1,616	888
RHODE ISLAND	-	-	1	1	-	-	1	1
NEW YORK	-	-	1	(1)	-	-	1	(1)
NEW JERSEY	(1)	(1)	(1)	(1)	-	-	1,206	407
MARYLAND	-	-	(1)	(1)	-	-	1,098	318
VIRGINIA	-	-	-	-	-	-	29	8
TOTAL BLUEFIN	2	1	883	419	442	265	4,053	1,660
LITTLE:								
NEW YORK	-	-	1	(1)	-	-	1	(1)
NEW JERSEY	-	-	-	-	-	-	(1)	(1)
NORTH CAROLINA	-	-	-	-	-	-	1	(1)
MISSISSIPPI	9	(1)	-	-	-	-	9	(1)
TOTAL LITTLE	9	(1)	1	(1)	-	-	11	(1)
YELLOWFIN, NEW JERSEY, TOTAL	-	-	-	-	-	-	11	5
UNCLASSIFIED:								
MAINE	-	-	2	1	-	-	2	1
MASSACHUSETTS	-	-	(1)	(1)	-	-	(1)	(1)
RHODE ISLAND	-	-	1	1	-	-	1	1
VIRGINIA	-	-	2	1	-	-	2	1
TOTAL UNCLASSIFIED	-	-	5	3	-	-	5	3
GRAND TOTAL	11	1	889	422	442	265	4,080	1,668

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

PACIFIC TUNA FISHERY, 1976

Domestic landings of tuna at Pacific Coast and Hawaii ports were a record 486.5 million pounds valued at $149.7 million—increases of 98.9 million pounds (26 percent) and $44.7 million (43 percent) over 1975. Landings of all species of tuna increased except albacore. Landings of albacore tuna (41.1 million pounds) declined 16 percent. Landings of bluefin tuna (18.8 million pounds) increased 15 percent; skipjack tuna (138.7 million pounds) increased 74 percent; and yellowfin tuna (284.7 million pounds) increased 18 percent.

Yellowfin tuna was 59 percent of the total tuna landings on the Pacific Coast. The Inter-American Tropical Tuna Commission (IATTC) set an international quota for the yellowfin tuna fishery in the regulatory area of the eastern Pacific Ocean for 1976 of 175,000 short tons with allowances for the increments of 10,000 tons each should data from the fishery warrant such increases. In 1976 the season on yellowfin opened on January 1. The quota was easily reached, and the season was closed March 27.

Purse seines, the principal gear used in taking yellowfin, skipjack, and bluefin accounted for 84 percent of the landings. Hand and troll lines, used mainly in taking albacore, accounted for almost all the rest. Gill nets and other unspecified gears took a negligible quantity.

SUMMARY OF PACIFIC TUNA OPERATING UNITS, 1976

ITEM	PURSE SEINES	LINES			TOTAL, EXCLUSIVE OF DUPLICATION
		HAND		TROLL, TUNA	
		ALBACORE	YELLOWFIN 1/		
	NUMBER				
FISHERMEN:					
ON VESSELS.	1,507	1,443	621	2,956	5,939
ON BOATS AND SHORE. . . .	120	90	18	842	1,070
TOTAL FISHERMEN	1,627	1,533	639	3,798	7,009
VESSELS, MOTOR:					
5 - 9 TONS.	3	2	-	127	131
10 - 19 TONS.	13	23	4	467	490
20 - 29 TONS.	3	31	2	343	355
30 - 39 TONS.	2	17	7	220	229
40 - 49 TONS.	1	19	7	137	144
50 - 59 TONS.	3	16	4	69	79
60 - 69 TONS.	2	11	5	56	63
70 - 79 TONS.	4	13	5	20	30
80 - 89 TONS.	3	4	5	8	14
90 - 99 TONS.	10	4	4	8	20
100 - 109 TONS.	2	2	2	9	12
110 - 119 TONS.	3	5	5	3	9
120 - 129 TONS.	1	3	3	3	7
130 - 139 TONS.	1	3	3	1	4
140 - 149 TONS.	-	2	1	3	4
150 - 159 TONS.	3	2	2	1	5
160 - 169 TONS.	1	-	-	-	1
180 - 189 TONS.	1	-	1	1	2
190 - 199 TONS.	7	7	8	1	15
250 - 259 TONS.	1	-	-	1	2
290 - 299 TONS.	1	-	-	-	1
310 - 319 TONS.	2	1	1	-	3
330 - 339 TONS.	2	-	-	-	2
350 - 359 TONS.	1	-	-	-	1
360 - 369 TONS.	1	-	-	-	1
370 - 379 TONS.	1	-	-	-	1
410 - 419 TONS.	1	-	-	-	1
420 - 429 TONS.	1	-	-	-	1
430 - 439 TONS.	3	-	-	-	3
450 - 459 TONS.	1	-	-	-	1
460 - 469 TONS.	1	-	-	-	1
500 - 509 TONS.	1	-	-	-	1
510 - 519 TONS.	1	-	-	-	1
670 - 679 TONS.	2	-	-	-	2

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF PACIFIC TUNA OPERATING UNITS, 1976 - Continued

ITEM	PURSE SEINES	LINES			TOTAL, EXCLUSIVE OF DUPLICATION
		HAND		TROLL, TUNA	
		ALBACORE	YELLOWFIN 1/		
	NUMBER				
VESSELS, MOTOR - CONTD.					
710 - 719 TONS.	1	-	-	-	1
720 - 729 TONS.	3	-	-	-	3
730 - 739 TONS.	1	-	-	-	1
750 - 759 TONS.	2	-	-	-	2
760 - 769 TONS.	1	-	-	-	1
770 - 779 TONS.	1	-	-	-	1
780 - 789 TONS.	1	-	-	-	1
800 - 809 TONS.	1	-	-	-	1
830 - 839 TONS.	1	-	-	-	1
860 - 869 TONS.	9	-	-	-	9
880 - 889 TONS.	1	-	-	-	1
890 - 899 TONS.	1	-	-	-	1
900 - 909 TONS.	1	-	-	-	1
910 - 919 TONS.	4	-	-	-	4
920 - 929 TONS.	1	-	-	-	1
930 - 939 TONS.	1	-	-	-	1
950 - 959 TONS.	2	-	-	-	2
970 - 979 TONS.	5	-	-	-	5
980 - 989 TONS.	5	-	-	-	5
990 - 999 TONS.	3	-	-	-	3
1060 - 1069 TONS.	2	-	-	-	2
1070 - 1079 TONS.	4	-	-	-	4
1110 - 1119 TONS.	1	-	-	-	1
1120 - 1129 TONS.	1	-	-	-	1
1150 - 1159 TONS.	1	-	-	-	1
1160 - 1169 TONS.	1	-	-	-	1
1180 - 1189 TONS.	5	-	-	-	5
1190 - 1199 TONS.	1	-	-	-	1
1240 - 1249 TONS.	2	-	-	-	2
1270 - 1279 TONS.	1	-	-	-	1
1300 - 1309 TONS.	1	-	-	-	1
1350 - 1359 TONS.	1	-	-	-	1
1490 - 1499 TONS.	2	-	-	-	2
TOTAL VESSELS	151	165	69	1,478	1,704
TOTAL GROSS TONNAGE . .	80,596	9,665	6,491	42,651	115,872
BOATS:					
MOTOR	20	10	2	452	484
OTHER	96	-	-	-	96
GEAR.	177	1,533	639	16,814	-

1/ VESSELS OF 50 TONS OR MORE CAPACITY ARE CONSIDERED CLIPPER CRAFT.

NOTE:--DOES NOT INCLUDE OTHER GEARS.

SUMMARY OF PACIFIC TUNA LANDINGS, 1976

SPECIES, STATE, AND DISTRICT	PURSE SEINES		OTTER TRAWLS		POTS AND TRAPS		GILL NETS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALBACORE:								
OREGON, COLUMBIA RIVER, TOTAL.	-	-	(1)	(1)	-	-	-	-
CALIFORNIA:								
MONTEREY.	-	-	-	-	1	1	-	-
SANTA BARBARA	1	(1)	-	-	-	-	-	-
SAN PEDRO	250	115	-	-	-	-	-	-
SAN DIEGO	155	73	-	-	-	-	-	-
TOTAL	406	188	-	-	1	1	-	-
GRAND TOTAL, ALBACORE. .	406	188	(1)	(1)	1	1	-	-
BIGEYE, CALIFORNIA, SAN PEDRO, GRAND TOTAL	1,782	518	-	-	-	-	-	-
BLUEFIN, CALIFORNIA:								
SAN PEDRO	13,587	4,100	-	-	-	-	-	-
SAN DIEGO	5,180	1,508	-	-	-	-	-	-
GRAND TOTAL, BLUEFIN . .	18,767	5,608	-	-	-	-	-	-
LITTLE, HAWAII, GRAND TOTAL	-	-	-	-	-	-	(1)	(1)
SKIPJACK:								
OREGON, COLUMBIA RIVER. .	3,515	963	-	-	-	-	-	-
CALIFORNIA:								
SANTA BARBARA	(1)	(1)	-	-	-	-	-	-
SAN PEDRO	79,350	20,866	-	-	-	-	-	-
SAN DIEGO	26,389	7,198	-	-	-	-	-	-
TOTAL	105,739	28,064	-	-	-	-	-	-
GRAND TOTAL, SKIPJACK. .	109,254	29,027	-	-	-	-	-	-
YELLOWFIN:								
OREGON, COLUMBIA RIVER, TOTAL.	6,967	2,081	-	-	-	-	-	-
CALIFORNIA:								
SAN PEDRO	222,992	65,778	-	-	-	-	-	-
SAN DIEGO	46,768	13,953	-	-	-	-	-	-
TOTAL	269,760	79,731	-	-	-	-	-	-
GRAND TOTAL, YELLOWFIN .	276,727	81,812	-	-	-	-	-	-
UNCLASSIFIED, CALIFORNIA, SAN PEDRO, GRAND TOTAL . .	835	83	-	-	-	-	-	-
GRAND TOTAL	407,771	117,236	(1)	(1)	1	1	(1)	(1)

SPECIES, STATE, AND DISTRICT	LINES		UNCLASSIFIED		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
ALBACORE:						
WASHINGTON:						
PUGET SOUND	1,173	542	-	-	1,173	542
COASTAL	3,403	1,536	-	-	3,403	1,536
COLUMBIA RIVER.	2,746	1,255	-	-	2,746	1,255
TOTAL	7,322	3,333	-	-	7,322	3,333
OREGON:						
COLUMBIA RIVER.	4,750	2,361	-	-	4,750	2,361
COASTAL	1,184	538	-	-	1,184	538
TOTAL	5,934	2,899	-	-	5,934	2,899
CALIFORNIA:						
NORTHERN.	4,920	2,244	-	-	4,920	2,244
SAN FRANCISCO	3,272	1,501	-	-	3,272	1,501
MONTEREY.	5,497	2,472	-	-	5,498	2,473
SANTA BARBARA	1,732	802	-	-	1,733	802
SAN PEDRO	3,238	1,518	-	-	3,488	1,633
SAN DIEGO	8,697	3,997	-	-	8,852	4,070
TOTAL	27,356	12,534	-	-	27,763	12,723
HAWAII, TOTAL	59	40	-	-	59	40
GRAND TOTAL, ALBACORE. .	40,671	18,806	-	-	41,078	18,995

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF PACIFIC TUNA LANDINGS, 1976 - Continued

SPECIES, STATE, AND DISTRICT	LINES		UNCLASSIFIED		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
BIGEYE:						
CALIFORNIA:						
SAN PEDRO	-	-	-	-	1,782	518
SAN DIEGO	78	24	-	-	78	24
TOTAL	78	24	-	-	1,860	542
HAWAII, TOTAL	431	821	-	-	431	821
GRAND TOTAL, BIGEYE . . .	509	845	-	-	2,291	1,363
BLUEFIN:						
CALIFORNIA:						
SAN PEDRO	20	7	-	-	13,607	4,107
SAN DIEGO	2	1	-	-	5,182	1,509
TOTAL	22	8	-	-	18,789	5,616
HAWAII, TOTAL	4	4	-	-	4	4
GRAND TOTAL, BLUEFIN . .	26	12	-	-	18,793	5,620
LITTLE, HAWAII, GRAND TOTAL	76	23	(1)	(1)	76	23
SKIPJACK:						
OREGON, COLUMBIA RIVER, TOTAL.	934	274	-	-	4,449	1,237
CALIFORNIA:						
MONTEREY.	(1)	(1)	-	-	(1)	(1)
SANTA BARBARA	(1)	(1)	-	-	(1)	(1)
SAN PEDRO	6,334	1,758	-	-	85,684	22,624
SAN DIEGO	12,386	3,404	-	-	38,775	10,602
TOTAL	18,720	5,162	-	-	124,459	33,226
HAWAII, TOTAL	9,772	3,827	(1)	(1)	9,772	3,827
GRAND TOTAL, SKIPJACK. .	29,426	9,263	(1)	(1)	138,680	38,290
YELLOWFIN:						
OREGON, COLUMBIA RIVER, TOTAL.	-	-	-	-	6,967	2,081
CALIFORNIA:						
SAN PEDRO	1,991	601	-	-	224,983	66,379
SAN DIEGO	4,314	1,278	-	-	51,082	15,231
TOTAL	6,305	1,879	-	-	276,065	81,610
HAWAII, TOTAL	1,702	1,673	-	-	1,702	1,673
GRAND TOTAL, YELLOWFIN .	8,007	3,552	-	-	284,734	85,364
UNCLASSIFIED:						
CALIFORNIA, SAN PEDRO, TOTAL.	-	-	-	-	835	83
HAWAII, TOTAL	(1)	(1)	-	-	(1)	(1)
GRAND TOTAL, UNCLASSIFIED.	(1)	(1)	-	-	835	83
GRAND TOTAL	78,715	32,501	(1)	(1)	486,487	149,738

1/ LESS THAN 500 POUNDS OR $500.

LANDINGS OF TUNA BY U.S. FLAG VESSELS, BY OCEAN OF CAPTURE AND SPECIES, 1965-76

YEAR	ATLANTIC OCEAN					
	BLUEFIN	LITTLE	SKIPJACK	YELLOWFIN	UNCLASSIFIED	TOTAL
	THOUSAND POUNDS					
1965	7,020	22	141	-	251	7,434
1966	2,730	47	87	-	8	2,872
1967	5,114	15	950	1,620	23	7,722
1968	1,779	13	6,844	13,454	4	22,094
1969	2,703	16	12,592	38,346	2	53,659
1970	7,335	254	23,668	25,658	-	56,915
1971	6,987	10	30,276	9,248	110	46,631
1972	4,927	10	27,505	25,482	-	2/57,942
1973	3,198	14	40,209	6,144	(3)	49,565
1974	2,350	20	4/29,278	10,976	1	42,625
1975	5,012	4	5/23,277	30,230	3	58,526
1976	4,053	2	7/ 3,590	3,921	5	11,571

YEAR	PACIFIC OCEAN					
	ALBACORE	BLUEFIN 1/	LITTLE	SKIPJACK	YELLOWFIN	TOTAL
	THOUSAND POUNDS					
1965	37,220	16,794	15	142,845	169,163	366,037
1966	36,991	36,979	28	98,436	158,564	330,998
1967	48,367	14,905	49	195,998	159,209	418,528
1968	55,902	13,500	27	108,672	201,333	379,434
1969	48,138	15,945	37	71,724	249,647	385,491
1970	56,140	9,132	17	91,722	278,970	435,981
1971	49,841	17,723	23	170,208	190,490	428,285
1972	60,388	26,396	29	62,329	327,616	476,758
1973	39,490	20,925	25	64,334	345,724	470,498
1974	48,818	14,230	35	4/120,198	325,287	508,568
1975	48,979	17,732	54	5/132,997	310,601	6/510,365
1976	41,082	21,392	76	7/200,710	389,238	6/653,333

YEAR	TOTAL						
	ALBACORE	BLUEFIN 1/	LITTLE	SKIPJACK	YELLOWFIN	UNCLASSIFIED	TOTAL
	THOUSAND POUNDS						
1965	37,220	23,814	37	142,986	169,163	251	373,471
1966	36,991	39,709	75	98,523	158,564	8	333,870
1967	48,367	20,019	64	196,948	160,829	23	426,250
1968	55,902	15,279	40	115,516	214,787	4	401,528
1969	48,138	18,648	53	84,316	287,993	2	439,150
1970	56,140	16,467	271	115,390	304,628	-	492,896
1971	49,841	24,710	33	200,484	199,738	110	474,916
1972	2/60,406	31,323	39	89,834	353,098	-	534,700
1973	39,490	24,123	39	104,543	351,868	(3)	520,063
1974	48,818	16,580	55	4/149,476	336,263	1	551,193
1975	48,979	22,744	58	5/156,274	340,831	5	568,891
1976	41,082	25,445	78	7/204,300	393,159	840	664,904

1/ INCLUDES DATA ON LANDINGS OF BIGEYE TUNA IN HAWAII AND CALIFORNIA.
2/ INCLUDES 18,000 POUNDS OF ALBACORE TAKEN IN THE ATLANTIC OCEAN IN 1972.
3/ LESS THAN 500 POUNDS.
4/ INCLUDES 60,000 POUNDS OF BLACK SKIPJACK IN THE ATLANTIC OCEAN AND 86,000 POUNDS IN THE PACIFIC OCEAN IN 1974.
5/ INCLUDES 60,000 POUNDS OF BLACK SKIPJACK IN THE ATLANTIC OCEAN AND 62,000 POUNDS IN THE PACIFIC OCEAN IN 1975.
6/ INCLUDES 2,000 POUNDS OF UNCLASSIFIED TUNA IN 1975 AND 835,000 POUNDS IN 1976 IN THE PACIFIC OCEAN.
7/ INCLUDES 26,000 POUNDS OF BLACK SKIPJACK IN THE ATLANTIC OCEAN AND 320,000 POUNDS IN THE PACIFIC OCEAN IN 1976.
NOTE:--INCLUDES LANDINGS IN PUERTO RICO, AMERICAN SAMOA, AND AT FOREIGN PORTS FOR EXPORT TO FOREIGN COUNTRIES.

U.S. MENHADEN FISHERY, 1976

Landings of Atlantic and Gulf menhaden were 2.0 billion pounds worth $67.2 million—increases of 13 percent in volume and 36 percent in value over 1975. Ninety-seven percent of the production was used for reduction into meal, oil, and solubles, and the remainder was used for bait or canned for pet food.

Menhaden landings in the Gulf States of 1.2 billion pounds increased 41.3 million pounds (3 percent) over 1975. Landings were the third largest on record in that area. Landings of Atlantic menhaden were 804.7 million pounds—up 198.0 million pounds (32 percent). The Gulf States accounted for 61 percent of the total landings, followed by the Chesapeake States (22 percent); the Middle Atlantic States (7 percent); the South Atlantic States (7 percent); and the New England States (3 percent).

Purse seines accounted for 98 percent of the landings in 1976. There were 2,052 fishermen, 133 vessels, and 236 boats employed in the menhaden purse seine fishery.

SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1976

GROSS TONNAGE	NEW ENGLAND				MIDDLE ATLANTIC, NEW JERSEY, TOTAL, EXCLUSIVE OF DUPLICATION	CHESAPEAKE, VIRGINIA, TOTAL, EXCLUSIVE OF DUPLICATION
	MAINE	MASSACHUSETTS	RHODE ISLAND	TOTAL, EXCLUSIVE OF DUPLICATION		
	NUMBER					
10 - 19	-	-	-	-	1	-
30 - 39	3	1	-	3	-	-
40 - 49	-	-	-	-	1	-
70 - 79	1	1	1	1	1	-
80 - 89	1	-	-	1	-	-
90 - 99	2	-	2	2	-	-
110 - 119	-	1	-	1	-	-
130 - 139	1	-	1	1	-	-
180 - 189	2	2	-	2	-	-
190 - 199	1	-	-	1	-	-
240 - 249	-	-	-	-	-	2
250 - 259	-	-	-	-	-	5
260 - 269	-	-	-	-	-	4
290 - 299	-	-	-	-	-	1
520 - 529	-	-	-	-	-	1
530 - 539	-	-	-	-	-	6
540 - 549	-	-	-	-	-	3
550 - 559	-	-	-	-	-	4
560 - 569	-	-	-	-	1	-
570 - 579	-	-	-	-	1	-
610 - 619	-	-	-	-	1	-
630 - 639	-	-	-	-	-	1
640 - 649	-	-	-	-	1	-
650 - 659	-	-	-	-	-	1
TOTAL VESSELS	11	5	4	12	7	28
TOTAL GROSS TONNAGE	1,151	585	402	1,261	2,536	11,962

GROSS TONNAGE	SOUTH ATLANTIC			GULF			GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	NORTH CAROLINA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION	MISSISSIPPI	LOUISIANA	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER						
10 - 19	-	-	-	-	-	-	1
30 - 39	-	-	-	-	-	-	3
40 - 49	1	-	1	-	-	-	2
50 - 59	1	-	1	-	-	-	1
60 - 69	1	-	1	-	-	-	1
70 - 79	1	-	1	-	-	-	3
80 - 89	-	-	-	-	-	-	1
90 - 99	2	-	2	-	-	-	4
110 - 119	-	-	-	-	-	-	1
120 - 129	-	-	-	-	1	1	1
130 - 139	-	-	-	-	-	-	1
140 - 149	-	1	1	-	-	-	1
170 - 179	-	-	-	1	-	1	1
180 - 189	-	-	-	1	2	3	5
190 - 199	1	-	1	1	-	1	2

(CONTINUED ON NEXT PAGE)

SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1976 - Continued

GROSS TONNAGE	SOUTH ATLANTIC			GULF			GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	NORTH CAROLINA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION	MISSISSIPPI	LOUISIANA	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER						
200 - 209	-	1	1	-	-	-	1
220 - 229	-	-	-	1	2	3	3
230 - 239	-	-	-	-	1	1	1
240 - 249	1	-	1	-	3	3	6
250 - 259	1	-	1	-	1	1	7
260 - 269	2	-	2	-	1	1	6
270 - 279	-	-	-	-	2	2	2
280 - 289	-	-	-	-	1	1	1
290 - 299	2	-	2	2	5	6	7
310 - 319	-	-	-	1	2	3	3
320 - 329	-	-	-	-	1	1	1
330 - 339	-	-	-	-	1	1	1
360 - 369	-	-	-	-	2	2	2
370 - 379	-	-	-	-	3	3	3
380 - 389	-	-	-	-	2	2	2
410 - 419	-	-	-	-	1	1	1
430 - 439	-	-	-	-	1	1	1
450 - 459	-	-	-	1	1	1	1
460 - 469	-	-	-	-	1	1	1
470 - 479	-	-	-	-	3	3	3
480 - 489	-	-	-	-	2	2	2
490 - 499	-	-	-	-	3	3	3
500 - 509	-	-	-	-	1	1	1
510 - 519	-	-	-	-	3	3	3
520 - 529	-	-	-	2	5	5	5
530 - 539	-	-	-	3	15	16	20
540 - 549	-	-	-	-	-	-	3
550 - 559	-	-	-	-	1	1	5
560 - 569	-	-	-	-	1	1	1
570 - 579	-	-	-	-	-	-	1
600 - 609	-	-	-	-	1	1	1
610 - 619	-	-	-	-	-	-	1
630 - 639	1	-	1	-	-	-	1
640 - 649	-	-	-	-	2	2	3
650 - 659	1	-	1	-	-	-	1
670 - 679	1	-	1	-	-	-	1
TOTAL VESSELS	16	2	18	13	71	78	133
TOTAL GROSS TONNAGE	4,192	348	4,540	4,800	30,022	31,954	47,764

SUMMARY OF MENHADEN PURSE SEINE OPERATING UNITS, 1976

AREA AND STATE	VESSELS		BOATS		FISHERMEN	PURSE SEINES
			MOTOR	OTHER		
	NUMBER	GROSS TONNAGE	NUMBER			
NEW ENGLAND:						
MAINE	11	1,151	10	1	53	11
MASSACHUSETTS	5	585	5	5	34	5
RHODE ISLAND	4	402	8	-	35	4
TOTAL, EXCLUSIVE OF DUPLICATION	12	1,261	18	5	74	12
MIDDLE ATLANTIC, NEW JERSEY, TOTAL, EXCLUSIVE OF DUPLICATION	7	2,536	9	-	87	7
CHESAPEAKE, VIRGINIA, TOTAL, EXCLUSIVE OF DUPLICATION	28	11,962	45	-	455	28
SOUTH ATLANTIC:						
NORTH CAROLINA	16	4,192	32	-	267	16
FLORIDA, EAST COAST	2	348	4	-	34	2
TOTAL, EXCLUSIVE OF DUPLICATION	18	4,540	36	-	301	18
GULF:						
MISSISSIPPI	13	4,800	22	-	221	13
LOUISIANA	71	30,022	126	-	1,172	71
TOTAL, EXCLUSIVE OF DUPLICATION	78	31,954	142	-	1,295	78
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	133	47,764	231	5	2,052	133

SUMMARY OF MENHADEN LANDINGS, 1976

AREA AND STATE	HAUL SEINES		PURSE SEINES	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:				
MAINE	-	-	17,553	300
MASSACHUSETTS	-	-	28,594	465
RHODE ISLAND	-	-	12,606	190
CONNECTICUT	12	1	-	-
TOTAL	12	1	58,753	955
MIDDLE ATLANTIC:				
NEW YORK	7	(1)	-	-
NEW JERSEY	-	-	147,661	4,188
TOTAL	7	(1)	147,661	4,188
CHESAPEAKE:				
MARYLAND	19	1	-	-
VIRGINIA	1	(1)	408,092	12,243
TOTAL	20	1	408,092	12,243
SOUTH ATLANTIC:				
NORTH CAROLINA	-	-	134,902	4,534
FLORIDA, EAST COAST	1	(1)	8,992	152
TOTAL	1	(1)	143,894	4,686
GULF:				
FLORIDA, WEST COAST	382	14	225	7
MISSISSIPPI	-	-	180,152	6,840
LOUISIANA	-	-	1,057,077	37,101
TOTAL	382	14	1,237,454	43,948
GRAND TOTAL	422	16	1,995,854	66,020

AREA AND STATE	OTTER TRAWLS		MIDWATER TRAWLS		POUND NETS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
MIDDLE ATLANTIC:						
NEW YORK	-	-	-	-	534	23
NEW JERSEY	14	1	96	3	2,423	99
TOTAL	14	1	96	3	2,957	122
CHESAPEAKE:						
MARYLAND	-	-	-	-	5,175	176
VIRGINIA	-	-	-	-	32,653	756
TOTAL	-	-	-	-	37,828	932
GRAND TOTAL	14	1	96	3	40,785	1,054

AREA AND STATE	FLOATING TRAPS		FYKE AND HOOP NETS, FISH		POTS AND TRAPS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND, RHODE ISLAND, TOTAL	107	4	-	-	-	-
CHESAPEAKE, MARYLAND, TOTAL	-	-	3	(1)	(1)	(1)
GRAND TOTAL	107	4	3	(1)	(1)	(1)

AREA AND STATE	GILL NETS		TRAMMEL NETS		LINES, HAND		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:								
MAINE	-	-	-	-	-	-	17,553	300
MASSACHUSETTS	-	-	-	-	-	-	28,594	465
RHODE ISLAND	-	-	-	-	-	-	12,713	194
CONNECTICUT	140	7	-	-			153	8
TOTAL	140	7	-	-	1	(1)	59,013	967
MIDDLE ATLANTIC:								
NEW YORK	473	20	-	-	-	-	1,014	43
NEW JERSEY	244	12	-	-	-	-	150,438	4,303
DELAWARE	35	1	-	-	-	-	35	1
TOTAL	752	33	-	-	-	-	151,487	4,347

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF MENHADEN LANDINGS, 1976 - Continued

AREA AND STATE	GILL NETS		TRAMMEL NETS		LINES, HAND		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
CHESAPEAKE:								
MARYLAND.	183	5	-	-	-	-	5,380	182
VIRGINIA.	15	(1)	-	-	-	-	440,761	12,999
TOTAL	198	5	-	-	-	-	446,141	13,181
SOUTH ATLANTIC:								
NORTH CAROLINA.	-	-	-	-	-	-	134,902	4,534
FLORIDA, EAST COAST . . .	1,138	46	-	-	-	-	10,131	198
TOTAL	1,138	46	-	-	-	-	145,033	4,732
GULF:								
FLORIDA, WEST COAST . . .	115	7	(1)	(1)	-	-	722	28
MISSISSIPPI	-	-	-	-	-	-	180,152	6,840
LOUISIANA	-	-	-	-	-	-	1,057,077	37,101
TOTAL	115	7	(1)	(1)	-	-	1,237,951	43,969
GRAND TOTAL	2,343	98	(1)	(1)	1	(1)	2,039,625	67,196

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. CLAM FISHERY, 1976

U.S. landings of all species of clams in 1976 were 82.5 million pounds of meats valued at $64.3 million. This was a decline of 27 percent in volume, but an increase of 48 percent in value compared with 1975. The principal reason for the decline in harvest was a sharp decline in landings of surf clams. Most other species showed slight increases in landings over 1975.

Surf clams, landed mainly in New Jersey, accounted for 60 percent of the U.S. production; hard clams, 18 percent; and soft clams, 13 percent. The rest consisted of cockle, geoduck, ocean quahog, razor, and mixed clams. Landings of surf clams were 49.2 million pounds--down 57 percent from 1975. This fishery was centered off New Jersey because the Virginia grounds are becoming depleted. Landings in Virginia were 15.0 million pounds in 1976 compared with 40.2 million pounds in 1975. New Jersey landings of 30.1 million pounds were down 7.2 million pounds from 1975.

The Middle Atlantic States were the major producers of clams with 52 percent of the catch, followed by the Chesapeake States with 29 percent; the New England States, 15 percent; the Pacific Coast States, 3 percent; and the South Atlantic States, 1 percent.

Dredges accounted for 72 percent of the U.S. landings of all species; followed by hoes, 10 percent; rakes, 8 percent; tongs, 6 percent; and diving outfits, 2 percent. The rest were taken by otter trawls, shovels, picks, and by hand.

SUMMARY OF CLAM LANDINGS, 1975

AREA AND STATE	COCKLE		GEODUCK		HARD	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:						
MAINE	-	-	-	-	3	6
MASSACHUSETTS	-	-	-	-	947	1,788
RHODE ISLAND	-	-	-	-	1,532	1,950
CONNECTICUT	-	-	-	-	144	240
TOTAL	-	-	-	-	2,626	3,984
MIDDLE ATLANTIC:						
NEW YORK	-	-	-	-	9,028	18,121
NEW JERSEY	-	-	-	-	1,492	1,688
DELAWARE	-	-	-	-	52	54
TOTAL	-	-	-	-	10,572	19,863
CHESAPEAKE:						
MARYLAND	-	-	-	-	36	34
VIRGINIA	-	-	-	-	893	868
TOTAL	-	-	-	-	929	902
SOUTH ATLANTIC:						
NORTH CAROLINA	-	-	-	-	306	258
SOUTH CAROLINA	-	-	-	-	172	209
GEORGIA	-	-	-	-	11	16
FLORIDA, EAST COAST	-	-	-	-	61	77
TOTAL	-	-	-	-	550	560
PACIFIC:						
WASHINGTON	-	-	1,771	938	473	397
OREGON	(1)	(1)	-	-	(1)	(1)
CALIFORNIA	-	-	-	-	101	46
TOTAL	(1)	(1)	1,771	938	574	443
GRAND TOTAL	(1)	(1)	1,771	938	15,251	25,752

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF CLAM LANDINGS, 1976 - Continued

AREA AND STATE	OCEAN QUAHOG		RAZOR		SOFT	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:						
MAINE	-	-	-	-	7,368	7,489
MASSACHUSETTS	49	20	2	1	1,132	1,840
RHODE ISLAND.	1,446	358	-	-	3	4
CONNECTICUT	7	2	-	-	-	-
TOTAL	1,502	380	2	1	8,503	9,333
MIDDLE ATLANTIC:						
NEW YORK.	-	-	2	1	47	61
NEW JERSEY.	4,099	1,237	-	-	148	173
TOTAL	4,099	1,237	2	1	195	234
CHESAPEAKE, MARYLAND, TOTAL	1	(1)	-	-	1,751	2,750
PACIFIC:						
ALASKA.	-	-	1	1	-	-
WASHINGTON.	-	-	102	190	18	15
OREGON.	-	-	47	93	(1)	(1)
TOTAL	-	-	150	284	18	15
GRAND TOTAL	5,602	1,617	154	286	10,467	12,332

AREA AND STATE	SURF		MIXED		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:						
MAINE	-	-	-	-	7,371	7,495
MASSACHUSETTS	85	54	-	-	2,215	3,703
RHODE ISLAND.	21	10	-	-	3,002	2,322
CONNECTICUT	-	-	-	-	151	242
TOTAL	106	64	-	-	12,739	13,762
MIDDLE ATLANTIC:						
NEW YORK.	3,455	1,089	-	-	12,532	19,272
NEW JERSEY.	24,378	10,829	-	-	30,117	13,927
DELAWARE.	-	-	-	-	52	54
TOTAL	27,833	11,918	-	-	42,701	33,253
CHESAPEAKE:						
MARYLAND.	7,135	3,830	-	-	8,923	6,614
VIRGINIA.	14,064	7,545	-	-	14,957	8,413
TOTAL	21,199	11,375	-	-	23,880	15,027
SOUTH ATLANTIC:						
NORTH CAROLINA.	20	10	-	-	326	268
SOUTH CAROLINA.	-	-	-	-	172	209
GEORGIA	-	-	-	-	11	16
FLORIDA, EAST COAST . . .	-	-	-	-	61	77
TOTAL	20	10	-	-	570	570
PACIFIC:						
ALASKA.	-	-	-	-	1	1
WASHINGTON.	-	-	54	15	2,418	1,555
OREGON.	-	-	65	12	112	105
CALIFORNIA.	-	-	10	17	111	63
TOTAL	-	-	129	44	2,642	1,724
GRAND TOTAL	49,158	23,367	129	44	82,532	64,336

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF CLAM LANDINGS OF CATCH BY GEAR, 1976

GEAR	COCKLE		GEODUCK		HARD	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
OTTER TRAWLS	-	-	-	-	8	9
DREDGES	-	-	-	-	2,851	4,581
TONGS	-	-	-	-	4,754	8,416
RAKES	-	-	-	-	6,300	11,417
HOES	-	-	-	-	5	10
SHOVELS	(1)	(1)	-	-	392	344
PICKS	-	-	-	-	231	235
DIVING OUTFITS	-	-	1,771	938	-	-
BY HAND	-	-	-	-	710	740
TOTAL	(1)	(1)	1,771	938	15,251	25,752

GEAR	OCEAN QUAHOG		RAZOR		SOFT	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
DREDGES	5,602	1,617	-	-	1,769	2,764
RAKES	-	-	4	2	108	167
HOES	-	-	-	-	8,590	9,400
SHOVELS	-	-	150	284	(1)	1
BY HAND	-	-	-	-	(1)	(1)
TOTAL	5,602	1,617	154	286	10,467	12,332

GEAR	SURF		MIXED		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
OTTER TRAWLS	-	-	-	-	8	9
DREDGES	49,158	23,367	54	15	59,434	32,344
TONGS	-	-	-	-	4,754	8,416
RAKES	-	-	-	-	6,412	11,586
HOES	-	-	-	-	8,595	9,410
SHOVELS	-	-	65	12	607	641
PICKS	-	-	-	-	231	235
DIVING OUTFITS	-	-	-	-	1,771	938
BY HAND	-	-	10	17	720	757
TOTAL	49,158	23,367	129	44	82,532	64,336

1/ LESS THAN 500 POUNDS OR $500.

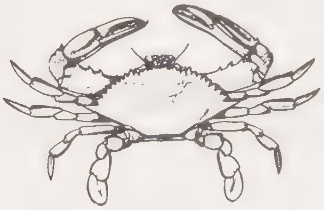
REVIEW OF CERTAIN MAJOR FISHERIES

U.S. CRAB FISHERY, 1976

Landings of crabs were 346.5 million pounds valued at $134.5 million, increases of 13 percent in volume and 66 percent in value over 1975. All species of crabs increased in volume except for blue and green crabs. Landings of hard blue crabs (115.4 million pounds) were 14 percent less than in 1975. The largest decline was in the Chesapeake area where watermen and scientists blame the smaller landings on declining stands of eel grass, which produce habitat and food for crabs. Dungeness crab landings of 34.4 million pounds increased 88 percent over 1975. California accounted for most of the increase with landings of 15.7 million pounds in 1976 compared with 3.9 million pounds in 1975. Landings in Oregon and Washington also increased significantly.

The Pacific Coast States led in volume with 222.4 million pounds (64 percent of the total), followed by the Chesapeake States, 47.5 million pounds (14 percent); the Gulf States, 39.1 million pounds (11 percent); and the South Atlantic States, 27.4 million pounds (8 percent). The rest were taken in the New England and Middle Atlantic States, and Hawaii.

Fishermen took 325.2 million pounds (94 percent of the total) with pots; 7.5 million pounds (2 percent) with dredges; and 7.2 million pounds (2 percent) with lines.



BLUE CRAB

SUMMARY OF CRAB POT OPERATING UNITS, 1976

ITEM	NEW ENGLAND				MIDDLE ATLANTIC			
	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	TOTAL, EXCLUSIVE OF DUPLICATION	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER							
FISHERMEN:								
ON VESSELS.	-	20	-	20	-	14	20	34
ON BOATS AND SHORE. . . .	28	4	2	34	8	215	146	369
TOTAL FISHERMEN . . .	28	24	2	54	8	229	166	403
VESSELS, MOTOR:								
5 - 9 TONS.	-	-	-	-	-	2	2	4
10 - 19 TONS.	-	-	-	-	-	6	9	15
160 - 169 TONS.	-	1	-	1	-	-	-	-
180 - 189 TONS.	-	1	-	1	-	-	-	-
TOTAL VESSELS	-	2	-	2	-	8	11	19
TOTAL GROSS TONNAGE .	-	352	-	352	-	95	120	215
BOATS, MOTOR.	15	2	1	18	8	178	94	280
GEAR.	500	1,280	36	1,816	375	16,004	13,920	30,299

(CONTINUED ON NEXT PAGE)

SUMMARY OF CRAB POT OPERATING UNITS, 1976 - Continued

ITEM	CHESAPEAKE			SOUTH ATLANTIC				
	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLI-CATION	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	- - - - - - - - - -	- - - - - - -	- - - - - - -	NUMBER	- - - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -
FISHERMEN:								
ON VESSELS.	330	485	814	16	3	-	24	43
ON BOATS AND SHORE	1,104	1,556	2,660	464	396	245	130	1,235
TOTAL FISHERMEN	1,434	2,041	3,474	480	399	245	154	1,278
VESSELS, MOTOR:								
5 - 9 TONS.	196	263	457	7	-	-	1	8
10 - 19 TONS.	79	61	140	2	-	-	3	5
20 - 29 TONS.	4	8	12	-	1	-	2	3
30 - 39 TONS.	-	1	1	-	-	-	1	1
40 - 49 TONS.	-	1	1	-	-	-	1	1
TOTAL VESSELS	279	334	611	9	1	-	8	18
TOTAL GROSS TONNAGE .	2,461	2,801	525	71	24	-	170	265
BOATS:								
MOTOR	1,048	1,247	2,295	480	295	160	127	1,062
OTHER	-	-	-	1	-	-	-	1
GEAR.	105,350	160,357	265,482	65,775	17,775	9,745	20,430	113,725

ITEM	GULF					
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	- - - - - - - - - -	- - - - - - -	- - - - - - -	NUMBER	- - - - - - -	- - - - - - -
FISHERMEN:						
ON VESSELS.	139	-	-	-	-	139
ON BOATS AND SHORE. . . .	517	65	43	1,015	179	1,819
TOTAL FISHERMEN . . .	656	65	43	1,015	179	1,958
VESSELS, MOTOR:						
5 - 9 TONS.	15	-	-	-	-	15
10 - 19 TONS.	34	-	-	-	-	34
20 - 29 TONS.	6	-	-	-	-	6
30 - 39 TONS.	7	-	-	-	-	7
40 - 49 TONS.	2	-	-	-	-	2
60 - 69 TONS.	1	-	-	-	-	1
TOTAL VESSELS	65	-	-	-	-	65
TOTAL GROSS TONNAGE .	1,094	-	-	-	-	1,094
BOATS, MOTOR.	212	59	39	997	176	1,483
GEAR.	263,281	10,650	2,950	144,014	23,375	444,270

ITEM	PACIFIC				
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	- - - - - - - - - -	- - - - - - -	NUMBER	- - - - - - -	- - - - - - -
FISHERMEN:					
ON VESSELS.	1,356	475	451	542	2,704
ON BOATS AND SHORE. . . .	120	236	56	385	766
TOTAL FISHERMEN . . .	1,476	711	507	927	3,470
VESSELS, MOTOR:					
5 - 9 TONS.	9	28	30	36	100
10 - 19 TONS.	86	82	71	120	346
20 - 29 TONS.	35	39	31	53	147
30 - 39 TONS.	37	35	22	24	112
40 - 49 TONS.	35	16	13	18	79
50 - 59 TONS.	27	8	4	9	46
60 - 69 TONS.	16	8	5	7	34
70 - 79 TONS.	10	2	-	1	13
80 - 89 TONS.	11	1	2	-	13
90 - 99 TONS.	12	2	-	1	14
100 - 109 TONS.	4	-	-	2	6
110 - 119 TONS.	9	3	1	1	10
120 - 129 TONS.	9	-	-	-	10
130 - 139 TONS.	15	-	-	-	15
140 - 149 TONS.	5	-	-	-	5
150 - 159 TONS.	17	-	-	-	17

(CONTINUED ON NEXT PAGE)

SUMMARY OF CRAB POT OPERATING UNITS, 1976 - Continued

ITEM	PACIFIC				
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
VESSELS, MOTOR - CONTD.					
160 - 169 TONS.	19	-	-	-	19
170 - 179 TONS.	8	-	1	1	8
180 - 189 TONS.	15	-	-	-	15
190 - 199 TONS.	58	-	-	-	58
220 - 229 TONS.	2	-	-	-	2
250 - 259 TONS.	1	-	-	-	1
280 - 289 TONS.	1	-	-	-	1
290 - 299 TONS.	3	-	-	-	3
320 - 329 TONS.	2	-	-	-	2
340 - 349 TONS.	1	-	-	-	1
380 - 389 TONS.	1	-	-	-	1
490 - 499 TONS.	2	-	-	-	2
530 - 539 TONS.	1	-	-	-	1
TOTAL VESSELS	451	224	180	273	1,081
TOTAL GROSS TONNAGE .	41,788	6,063	4,319	6,433	56,577
BOATS, MOTOR.	60	157	56	200	483
GEAR.	111,350	57,241	47,923	53,425	217,105

SUMMARY OF CRAB TROT LINE OPERATING UNITS, 1976

ITEM	CHESAPEAKE		SOUTH ATLANTIC		GULF, LOUISIANA	TOTAL, EXCLUSIVE OF DUPLICATION
	MARYLAND	VIRGINIA	NORTH CAROLINA	SOUTH CAROLINA		
	NUMBER					
FISHERMEN:						
ON VESSELS.	383	2	2	-	-	387
ON BOATS AND SHORE. . . .	10,991	3	101	1	95	11,191
TOTAL FISHERMEN . . .	11,374	5	103	1	95	11,578
VESSELS, MOTOR:						
5 - 9 TONS.	284	1	2	-	-	287
10 - 19 TONS.	72	1	-	-	-	73
20 - 29 TONS.	1	-	-	-	-	1
TOTAL VESSELS	357	2	2	-	-	361
TOTAL GROSS TONNAGE .	2,861	18	14	-	-	2,893
BOATS:						
MOTOR	8,319	3	73	1	95	8,491
OTHER	35	-	-	-	-	35
GEAR.	11,362	5	75	1	95	11,538

SUMMARY OF CRAB DREDGE OPERATING UNITS, 1976

ITEM	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE, VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	RHODE ISLAND	CONNECTICUT	NEW JERSEY	DELAWARE		
	NUMBER					
FISHERMEN:						
ON VESSELS.	2	-	89	46	344	479
ON BOATS AND SHORE. . . .	-	1	55	10	8	74
TOTAL	2	1	144	57	352	553
VESSELS, MOTOR:						
0 - 9 TONS.	-	-	5	-	40	45
10 - 19 TONS.	-	-	20	8	46	74
20 - 29 TONS.	1	-	5	5	17	27
30 - 39 TONS.	-	-	4	4	7	14
40 - 49 TONS.	-	-	2	1	3	6
50 - 59 TONS.	-	-	-	-	1	1
60 - 69 TONS.	-	-	1	-	-	1
70 - 79 TONS.	-	-	-	1	1	2
TOTAL VESSELS	1	-	37	19	115	170
TOTAL GROSS TONNAGE .	20	-	716	492	1,802	2,973
BOATS, MOTOR.	-	1	36	5	4	46
GEAR.	1	1	127	33	231	390

SUMMARY OF CRAB LANDINGS, 1976

AREA AND STATE	BLUE				DUNGENESS		GREEN	
	HARD		SOFT AND PEELER					
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND, RHODE ISLAND, TOTAL	-	-	-	-	-	-	3	1
MIDDLE ATLANTIC:								
NEW YORK	52	20	-	-	-	-	-	-
NEW JERSEY	2,696	831	90	40	-	-	-	-
DELAWARE	3,565	1,075	85	80	-	-	-	-
TOTAL	6,313	1,926	175	120	-	-	-	-
CHESAPEAKE:								
MARYLAND	19,430	4,586	1,474	1,075	-	-	-	-
VIRGINIA	25,761	5,097	761	551	-	-	-	-
TOTAL	45,191	9,683	2,235	1,626	-	-	-	-
SOUTH ATLANTIC:								
NORTH CAROLINA	11,732	2,406	20	26	-	-	-	-
SOUTH CAROLINA	5,740	976	-	-	-	-	-	-
GEORGIA	5,873	1,087	-	-	-	-	-	-
FLORIDA, EAST COAST	4,024	730	-	-	-	-	-	-
TOTAL	27,369	5,199	20	26	-	-	-	-
GULF:								
FLORIDA, WEST COAST	12,048	1,966	-	-	-	-	-	-
ALABAMA	1,299	281	-	-	-	-	-	-
MISSISSIPPI	1,335	268	(1)	(1)	-	-	-	-
LOUISIANA	15,211	3,061	88	145	-	-	-	-
TEXAS	6,668	1,179	-	-	-	-	-	-
TOTAL	36,561	6,755	88	145	-	-	-	-
PACIFIC:								
ALASKA	-	-	-	-	1,546	631	-	-
WASHINGTON	-	-	-	-	9,034	4,796	-	-
OREGON	-	-	-	-	8,137	5,055	-	-
CALIFORNIA	-	-	-	-	15,727	10,275	-	-
TOTAL	-	-	-	-	34,444	20,757	-	-
GRAND TOTAL	115,434	23,563	2,518	1,917	34,444	20,757	3	1

AREA AND STATE	JONAH		KING		RED		ROCK	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:								
MAINE	-	-	-	-	-	-	1,160	103
NEW HAMPSHIRE	-	-	-	-	-	-	48	5
MASSACHUSETTS	137	40	-	-	1,152	317	(1)	(1)
RHODE ISLAND	483	72	-	-	242	71	63	12
TOTAL	620	112	-	-	1,394	388	1,271	120
MIDDLE ATLANTIC:								
NEW YORK	107	32	-	-	-	-	-	-
NEW JERSEY	-	-	-	-	3	(1)	150	10
DELAWARE	4	1	-	-	25	13	-	-
TOTAL	111	33	-	-	28	13	150	10
CHESAPEAKE:								
MARYLAND	25	5	-	-	24	12	-	-
VIRGINIA	1	1	-	-	7	3	-	-
TOTAL	26	6	-	-	31	15	-	-
PACIFIC:								
ALASKA	-	-	105,899	68,689	-	-	-	-
CALIFORNIA	-	-	-	-	-	-	1,228	342
TOTAL	-	-	105,899	68,689	-	-	1,228	342
GRAND TOTAL	757	151	105,899	68,689	1,453	416	2,649	472

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF CRAB LANDINGS, 1976 - Continued

AREA AND STATE	SNOW		STONE		UNCLASSIFIED		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:								
MAINE	-	-	-	-	-	-	1,160	103
NEW HAMPSHIRE	-	-	-	-	-	-	48	5
MASSACHUSETTS	-	-	-	-	-	-	1,289	357
RHODE ISLAND.	-	-	-	-	-	-	791	156
TOTAL	-	-	-	-	-	-	3,288	621
MIDDLE ATLANTIC:								
NEW YORK.	-	-	-	-	-	-	159	52
NEW JERSEY.	-	-	-	-	-	-	2,939	881
DELAWARE.	-	-	-	-	-	-	3,679	1,169
TOTAL	-	-	-	-	-	-	6,777	2,102
CHESAPEAKE:								
MARYLAND.	-	-	-	-	-	-	20,953	5,678
VIRGINIA.	-	-	-	-	-	-	26,530	5,652
TOTAL	-	-	-	-	-	-	47,483	11,330
SOUTH ATLANTIC:								
NORTH CAROLINA.	-	-	-	-	-	-	11,752	2,432
SOUTH CAROLINA.	-	-	-	-	-	-	5,740	976
GEORGIA	-	-	-	-	-	-	5,873	1,087
FLORIDA, EAST COAST . . .	-	-	30	33	-	-	4,054	763
TOTAL	-	-	30	33	-	-	27,419	5,258
GULF:								
FLORIDA, WEST COAST . . .	-	-	2,451	2,195	-	-	14,499	4,161
ALABAMA	-	-	-	-	-	-	1,299	281
MISSISSIPPI	-	-	-	-	-	-	1,335	268
LOUISIANA	-	-	-	-	-	-	15,299	3,206
TEXAS	-	-	-	-	-	-	6,668	1,179
TOTAL	-	-	2,451	2,195	-	-	39,100	9,095
PACIFIC:								
ALASKA.	80,771	16,166	-	-	-	-	188,216	85,486
WASHINGTON.	-	-	-	-	-	-	9,034	4,796
OREGON.	-	-	-	-	-	-	8,137	5,055
CALIFORNIA.	-	-	-	-	41	21	16,996	10,638
TOTAL	80,771	16,166	-	-	41	21	222,383	105,975
HAWAII, TOTAL	-	-	-	-	47	93	47	93
GRAND TOTAL	80,771	16,166	2,481	2,228	88	114	346,497	134,474

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF CRAB LANDINGS OF CATCH BY GEAR, 1976

GEAR	BLUE				DUNGENESS		GREEN	
	HARD		SOFT AND PEELER					
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAUL SEINES	728	160	-	-	-	-	-	-
BUTTERFLY NETS.	14	2	-	-	-	-	-	-
OTTER TRAWLS.	3,868	717	4	5	21	16	-	-
POUND NETS.	9	2	536	375	-	-	-	-
POTS.	96,084	19,399	719	579	34,410	20,733	3	1
TRAMMEL NETS.	21	5	-	-	-	-	-	-
LINES	7,127	1,634	52	37	7	5	-	-
DIP NETS.	11	3	23	22	6	3	-	-
SCRAPES	68	16	1,128	806	-	-	-	-
DREDGES	7,504	1,625	-	-	-	-	-	-
BRUSH TRAPS	-	-	56	93	-	-	-	-
TOTALS.	115,434	23,563	2,518	1,917	34,444	20,757	3	1

GEAR	JONAH		KING		RED		ROCK	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
OTTER TRAWLS.	10	3	-	-	1	(1)	16	1
POTS.	747	148	105,899	68,689	1,452	416	2,618	467
GILL NETS	-	-	-	-	-	-	10	2
LINES	-	-	-	-	-	-	5	2
TOTAL	757	151	105,899	68,689	1,453	416	2,649	472

GEAR	SNOW		STONE		UNCLASSIFIED		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
HAUL SEINES	-	-	-	-	-	-	728	160
BUTTERFLY NETS.	-	-	-	-	-	-	14	2
OTTER TRAWLS.	-	-	-	-	34	1	3,954	743
POUND NETS.	-	-	-	-	-	-	545	377
POTS.	80,771	16,166	2,481	2,228	13	22	325,197	128,848
GILL NETS	-	-	-	-	(1)	(1)	10	2
TRAMMEL NETS.	-	-	-	-	-	-	21	5
LINES	-	-	-	-	(1)	(1)	7,191	1,678
DIP NETS.	-	-	-	-	-	-	40	28
LIFT NETS	-	-	-	-	33	70	33	70
SCRAPES	-	-	-	-	-	-	1,196	822
DREDGES	-	-	-	-	-	-	7,504	1,625
BRUSH TRAPS	-	-	-	-	-	-	56	93
BY HAND	-	-	-	-	8	21	8	21
UNCLASSIFIED.	-	-	-	-	(1)	(1)	(1)	(1)
TOTAL	80,771	16,166	2,481	2,228	88	114	346,497	134,474

U.S. OYSTER FISHERY, 1976

The U.S. oyster fishery yielded 54.4 million pounds of oyster meats with a record $54.4 million—increases of 2 percent in volume and 21 percent in value over 1975. Production declined in the New England and Chesapeake States, but increased in all other oyster-producing areas. For the first time since 1968, the Gulf States led in production with 21.6 million pounds (40 percent of the total.) The Chesapeake States was next with 21.0 million pounds (39 percent of the total); followed by the Pacific Coast States with 6.4 million pounds (12 percent); and the Middle Atlantic States, 3.6 million pounds (7 percent). The New England and South Atlantic States accounted for the rest.

Dredges took 31.5 million pounds (58 percent) of the oyster landings, and tongs, 20.7 million pounds (38 percent). The rest were taken by rakes and by hand.

In Section 13 of this Digest is a table which gives the volume of the bushel measures used for oysters in the various Atlantic and Gulf States and the average yield per bushel. Supplementary shellfish tables appear after the summary table for each Atlantic and Gulf regional section.

SUMMARY OF OYSTER DREDGE OPERATING UNITS, 1976

ITEM	NEW ENGLAND, CONNECTICUT, TOTAL	MIDDLE ATLANTIC				CHESAPEAKE		
		NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATIONS	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER							
FISHERMEN:								
ON VESSELS.	14	57	121	37	215	176	139	315
ON BOATS AND SHORE. . . .	-	-	6	-	6	98	144	242
TOTAL FISHERMEN . . .	14	57	127	37	221	274	283	557
VESSELS, MOTOR:								
5 - 9 TONS.	-	-	1	-	1	25	48	73
10 - 19 TONS.	1	-	6	-	6	13	19	32
20 - 29 TONS.	-	1	1	-	2	2	1	3
30 - 39 TONS.	1	2	3	4	9	-	1	1
40 - 49 TONS.	1	-	3	2	5	-	-	-
50 - 59 TONS.	1	3	4	-	7	-	-	-
60 - 69 TONS.	1	2	2	-	4	-	-	-
70 - 79 TONS.	-	-	1	1	2	-	-	-
270 - 279 TONS.	-	2	-	-	2	-	-	-
TOTAL VESSELS	5	10	21	7	38	40	69	109
TOTAL GROSS TONNAGE .	207	922	774	295	1,991	380	644	1,024
BOATS, MOTOR.	-	-	3	-	3	48	75	123
GEAR.	9	19	45	14	78	114	144	258

ITEM	SOUTH ATLANTIC, SOUTH CAROLINA, TOTAL	GULF				PACIFIC		
		MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	WASHINGTON	OREGON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER							
FISHERMEN:								
ON VESSELS.	38	174	645	404	1,136	46	4	50
ON BOATS AND SHORE. . . .	105	105	390	152	647	-	-	1
TOTAL FISHERMEN . . .	143	279	1,035	556	1,783	46	4	51
VESSELS, MOTOR:								
5 - 9 TONS.	22	1	25	14	39	3	1	4
10 - 19 TONS.	5	23	93	108	210	10	1	11
20 - 29 TONS.	1	21	68	46	125	6	-	6
30 - 39 TONS.	-	6	32	10	39	3	-	3
40 - 49 TONS.	-	3	13	4	18	1	-	1
50 - 59 TONS.	-	-	4	1	5	-	-	-
70 - 79 TONS.	-	-	-	1	1	-	-	-
TOTAL VESSELS	28	54	235	184	437	23	2	25
TOTAL GROSS TONNAGE .	236	1,191	4,999	3,282	8,641	471	23	494
BOATS, MOTOR.	90	55	213	72	340	-	-	1
GEAR.	118	167	821	256	1,203	46	4	51

NOTE:--PACIFIC INCLUDES 1 FISHERMAN ON 1 BOAT WITH 1 DREDGE IN CALIFORNIA.

SUMMARY OF OYSTER TONG OPERATING UNITS, 1976

ITEM	MIDDLE ATLANTIC			CHESAPEAKE		
	NEW YORK	NEW JERSEY	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER					
FISHERMEN:						
ON VESSELS	-	-	-	836	760	1,596
ON BOATS AND SHORE	27	33	60	4,219	796	5,015
TOTAL FISHERMEN	27	33	60	5,055	1,556	6,611
VESSELS, MOTOR:						
5 - 9 TONS	-	-	-	549	255	804
10 - 19 TONS	-	-	-	201	63	264
20 - 29 TONS	-	-	-	4	6	10
TOTAL VESSELS	-	-	-	754	324	1,078
TOTAL GROSS TONNAGE	-	-	-	6,477	2,625	9,102
BOATS, MOTOR	27	27	54	3,161	341	3,502
GEAR	27	33	60	5,046	1,554	6,600

ITEM	SOUTH ATLANTIC			
	NORTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER			
FISHERMEN, ON BOATS AND SHORE, TOTAL	120	14	7	141
BOATS:				
MOTOR	110	14	7	131
OTHER	-	5	-	5
GEAR	112	12	7	131

ITEM	GULF						GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER						
FISHERMEN:							
ON VESSELS	-	-	-	-	-	-	1,596
ON BOATS AND SHORE	400	288	515	105	2	1,310	6,512
TOTAL FISHERMEN	400	288	515	105	2	1,310	8,108
VESSELS, MOTOR:							
5 - 9 TONS	-	-	-	-	-	-	804
10 - 19 TONS	-	-	-	-	-	-	264
20 - 29 TONS	-	-	-	-	-	-	10
TOTAL VESSELS	-	-	-	-	-	-	1,078
TOTAL GROSS TONNAGE	-	-	-	-	-	-	9,102
BOATS:							
MOTOR	325	184	484	80	2	1,075	4,748
OTHER	-	10	-	-	-	10	15
GEAR	398	288	494	95	2	1,277	8,054

SUMMARY OF OYSTER LANDINGS, 1976

AREA AND STATE	DREDGES		TONGS		RAKES	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:						
MASSACHUSETTS	-	-	-	-	65	168
CONNECTICUT	136	282	-	-	-	-
TOTAL	136	282	-	-	65	168
MIDDLE ATLANTIC:						
NEW YORK.	1,888	4,733	13	31	-	-
NEW JERSEY.	1,395	1,308	8	8	-	-
DELAWARE.	262	381	-	-	-	-
TOTAL	3,545	6,422	21	39	-	-
CHESAPEAKE:						
MARYLAND.	1,689	2,135	13,191	13,736	-	-
VIRGINIA.	2,482	2,574	3,188	3,002	1	(1)
TOTAL	4,171	4,709	16,379	16,738	1	(1)
SOUTH ATLANTIC:						
NORTH CAROLINA.	171	150	66	60	86	73
SOUTH CAROLINA.	-	-	-	-	1,187	759
GEORGIA	-	-	29	19	-	-
FLORIDA, EAST COAST . . .	-	-	26	28	-	-
TOTAL	171	150	121	107	1,273	832
GULF:						
FLORIDA, WEST COAST . . .	-	-	2,579	1,639	-	-
ALABAMA	-	-	1,236	1,155	-	-
MISSISSIPPI	1,295	841	221	174	-	-
LOUISIANA	12,151	8,947	163	132	-	-
TEXAS	3,876	3,196	5	5	-	-
TOTAL	17,322	12,984	4,204	3,105	-	-
PACIFIC:						
WASHINGTON:						
PACIFIC	5,472	6,921	-	-	-	-
WESTERN	31	214	-	-	-	-
TOTAL	5,503	7,135	-	-	-	-
OREGON, PACIFIC, TOTAL. .	172	207	-	-	-	-
CALIFORNIA, PACIFIC, TOTAL	466	654	-	-	-	-
TOTAL PACIFIC COAST .	6,141	7,996	-	-	-	-
GRAND TOTAL	31,486	32,543	20,725	19,989	1,338	1,000

AREA AND STATE	BY HAND		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:				
MASSACHUSETTS	-	-	65	168
CONNECTICUT	-	-	136	282
TOTAL	-	-	201	450
MIDDLE ATLANTIC:				
NEW YORK.	-	-	1,901	4,764
NEW JERSEY.	-	-	1,403	1,316
DELAWARE.	-	-	262	381
TOTAL	-	-	3,566	6,461
CHESAPEAKE:				
MARYLAND.	-	-	14,880	15,871
VIRGINIA.	413	301	6,084	5,877
TOTAL	413	301	20,964	21,748
SOUTH ATLANTIC:				
NORTH CAROLINA.	11	9	333	292
SOUTH CAROLINA.	-	-	1,187	759
GEORGIA	43	30	72	49
FLORIDA, EAST COAST . . .	86	87	112	115
TOTAL	140	126	1,704	1,215

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OYSTER LANDINGS, 1976 - Continued

AREA AND STATE	BY HAND		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
GULF:				
FLORIDA, WEST COAST . . .	23	25	2,602	1,664
ALABAMA	-	-	1,236	1,155
MISSISSIPPI	-	-	1,516	1,015
LOUISIANA	20	13	12,334	9,092
TEXAS	-	-	3,881	3,201
TOTAL	43	38	21,569	16,127
PACIFIC:				
WASHINGTON:				
PACIFIC	-	-	5,472	6,921
WESTERN	-	-	31	214
TOTAL	-	-	5,503	7,135
OREGON, PACIFIC, TOTAL. .	-	-	172	207
CALIFORNIA:				
EASTERN	6	25	6	25
PACIFIC	244	341	710	995
TOTAL	250	366	716	1,020
TOTAL PACIFIC COAST .	250	366	6,391	8,362
GRAND TOTAL	846	831	54,395	54,363

1/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF ATLANTIC AND GULF OYSTER LANDINGS, 1976

AREA AND STATE	PUBLIC		PRIVATE	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:				
MASSACHUSETTS	53	137	12	31
CONNECTICUT	-	-	136	282
TOTAL	53	137	148	313
MIDDLE ATLANTIC:				
NEW YORK.	13	30	1,888	4,734
NEW JERSEY.	8	8	1,395	1,308
DELAWARE.	-	-	262	381
TOTAL	21	38	3,545	6,423
CHESAPEAKE:				
MARYLAND.	14,180	14,856	700	1,015
VIRGINIA.	2,749	2,629	3,335	3,248
TOTAL	16,929	17,485	4,035	4,263
SOUTH ATLANTIC:				
NORTH CAROLINA.	267	232	66	60
SOUTH CAROLINA.	-	-	1,187	759
GEORGIA	-	-	72	49
FLORIDA, EAST COAST . . .	49	51	63	64
TOTAL	316	283	1,388	932
GULF:				
FLORIDA, WEST COAST . . .	2,602	1,664	-	-
ALABAMA	1,236	1,155	-	-
MISSISSIPPI	1,516	1,015	-	-
LOUISIANA	3,213	2,285	9,121	6,807
TEXAS	3,881	3,201	-	-
TOTAL	12,448	9,320	9,121	6,807
GRAND TOTAL	29,767	27,263	18,237	18,738

SUMMARY OF OYSTER LANDINGS BY SPECIES, 1976

SPECIES	THOUSAND POUNDS	THOUSAND DOLLARS
EASTERN:		
PUBLIC.	29,767	27,263
PRIVATE 1/.	18,243	18,763
TOTAL	48,010	46,026
PACIFIC	6,354	8,123
WESTERN	31	214
GRAND TOTAL	54,395	54,363

1/ EASTERN PRIVATE INCLUDES 6,000 POUNDS OF OYSTERS, VALUED AT $25,000 HARVESTED IN CALIFORNIA.

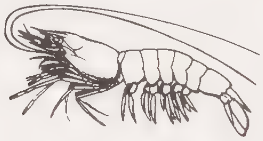
REVIEW OF CERTAIN MAJOR FISHERIES

U.S. SHRIMP FISHERY, 1976

Landings of shrimp at ports in the U.S. were a record 406.4 million pounds (heads-on) valued at a record $331.0 million—increases of 17 percent in volume and 47 percent in value over 1975. Landings in the South Atlantic States (26.1 million pounds) increased 5 percent, and the Gulf States (210.2 million pounds) increased 24 percent. Landings in the Mississippi River area (11,000 pounds) and Hawaii (10,000 pounds) also increased. Landings in New England were 2.3 million pounds in 1976 compared with 11.7 million pounds in 1975. Landings were the smallest since 1965 and 89 percent below the average for the previous 5 years.

The Gulf States accounted for 52 percent of the total landings; Pacific Coast States, 41 percent; and the South Atlantic States, 6 percent. The remainder was landed in the New England and Chesapeake States, the Mississippi River area, and Hawaii.

Landings of the U.S. shrimp otter trawl fleet were 97 percent of the total harvest. The otter trawl fishery employed 22,607 fishermen on 5,377 vessels and 6,636 boats.



SUMMARY OF SHRIMP LANDINGS, 1976

AREA AND STATE	BAG NETS		BUTTERFLY NETS		BEAM TRAWLS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
SOUTH ATLANTIC:						
NORTH CAROLINA.	152	189	-	-	-	-
SOUTH CAROLINA.	128	58	-	-	-	-
TOTAL	280	247	-	-	-	-
GULF, LOUISIANA, TOTAL. . .	-	-	7,997	4,649	-	-
PACIFIC:						
ALASKA.	-	-	-	-	3,257	528
WASHINGTON.	-	-	-	-	40	34
TOTAL	-	-	-	-	3,297	562
GRAND TOTAL	280	247	7,997	4,649	3,297	562

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP LANDINGS, 1976 - Continued

AREA AND STATE	OTTER TRAWLS		POTS AND TRAPS		BRAIL OR SCOOP NETS	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:						
MAINE	1,361	488	-	-	-	-
NEW HAMPSHIRE	16	5	-	-	-	-
MASSACHUSETTS	877	271	-	-	-	-
TOTAL	2,254	764	-	-	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA.	6,491	7,982	-	-	-	-
SOUTH CAROLINA.	8,525	10,985	-	-	-	-
GEORGIA	7,772	10,879	-	-	-	-
FLORIDA, EAST COAST . . .	3,040	4,812	-	-	-	-
TOTAL	25,828	34,658	-	-	-	-
GULF:						
FLORIDA, WEST COAST . . .	26,812	36,842	-	-	-	-
ALABAMA	18,690	30,393	-	-	-	-
MISSISSIPPI	7,551	8,418	-	-	-	-
LOUISIANA	74,358	75,039	-	-	-	-
TEXAS	74,759	119,881	-	-	-	-
TOTAL	202,170	270,573	-	-	-	-
PACIFIC:						
ALASKA.	124,175	10,930	1,250	114	-	-
WASHINGTON.	9,308	1,652	17	17	-	-
OREGON.	25,456	4,946	-	-	-	-
CALIFORNIA.	3,796	1,002	25	59	541	860
TOTAL	162,735	18,530	1,292	190	541	860
MISSISSIPPI RIVER AND TRIBUTARIES, LOUISIANA, TOTAL .	-	-	11	8	-	-
HAWAII, TOTAL	-	-	(1)	(1)	-	-
GRAND TOTAL	392,987	324,525	1,303	198	541	860

AREA AND STATE	BY HAND		UNCLASSIFIED		TOTAL	
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS
NEW ENGLAND:						
MAINE	-	-	-	-	1,361	488
NEW HAMPSHIRE	-	-	-	-	16	5
MASSACHUSETTS	-	-	-	-	877	271
TOTAL	-	-	-	-	2,254	764
SOUTH ATLANTIC:						
NORTH CAROLINA.	-	-	-	-	6,643	8,171
SOUTH CAROLINA.	-	-	-	-	8,653	11,043
GEORGIA	-	-	-	-	7,772	10,879
FLORIDA, EAST COAST . . .	-	-	-	-	3,040	4,812
TOTAL	-	-	-	-	26,108	34,905
GULF:						
FLORIDA, WEST COAST . . .	-	-	-	-	26,812	36,842
ALABAMA	-	-	-	-	18,690	30,393
MISSISSIPPI	-	-	-	-	7,551	8,418
LOUISIANA	-	-	-	-	82,355	79,688
TEXAS	-	-	-	-	74,759	119,881
TOTAL	-	-	-	-	210,167	275,222
PACIFIC:						
ALASKA.	-	-	-	-	128,682	11,572
WASHINGTON.	-	-	-	-	9,365	1,703
OREGON.	-	-	-	-	25,456	4,946
CALIFORNIA.	-	-	-	-	4,362	1,921
TOTAL	-	-	-	-	167,865	20,142
MISSISSIPPI RIVER AND TRIBUTARIES, LOUISIANA, TOTAL .	-	-	-	-	11	8
HAWAII, TOTAL	(1)	(1)	10	31	10	31
GRAND TOTAL	(1)	(1)	10	31	406,415	331,072

1/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1976

GROSS TONNAGE	NEW ENGLAND			SOUTH ATLANTIC				
	MAINE	MASSA-CHUSETTS	TOTAL, EXCLUSIVE OF DUPLICATION	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
				NUMBER				
5 - 9	-	-	-	111	23	14	-	144
10 - 19	11	-	11	68	62	32	3	153
20 - 29	22	4	26	43	49	52	7	133
30 - 39	11	-	11	58	77	81	15	177
40 - 49	8	4	12	51	66	79	20	154
50 - 59	-	1	1	32	37	53	21	102
60 - 69	-	4	4	18	46	71	35	118
70 - 79	-	2	2	22	22	30	15	57
80 - 89	-	-	-	15	11	13	10	39
90 - 99	1	1	2	24	14	35	25	74
100 - 109	1	-	1	3	1	6	4	10
110 - 119	-	-	-	1	1	-	-	2
120 - 129	-	-	-	3	-	1	-	3
130 - 139	-	-	-	2	1	1	-	3
150 - 159	-	-	-	-	-	-	1	1
TOTAL VESSELS	54	16	70	451	410	468	156	1,170
TOTAL GROSS TONNAGE .	1,607	829	2,436	16,175	17,091	23,162	9,988	49,359

GROSS TONNAGE	GULF						SOUTH ATLANTIC AND GULF TOTAL, EXCLUSIVE OF DUPLICATION
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	
				NUMBER			
5 - 9	26	14	19	56	89	197	341
10 - 19	86	75	104	304	350	840	988
20 - 29	54	56	106	244	125	489	616
30 - 39	75	39	63	143	54	295	452
40 - 49	79	22	43	130	54	255	370
50 - 59	81	24	25	88	68	212	280
60 - 69	144	25	15	98	140	321	388
70 - 79	87	20	9	62	96	198	229
80 - 89	84	38	3	66	122	202	220
90 - 99	231	66	16	119	345	520	553
100 - 109	63	13	4	47	166	211	216
110 - 119	27	40	7	57	105	158	158
120 - 129	21	27	7	42	54	107	109
130 - 139	24	39	7	63	41	108	109
140 - 149	3	6	2	16	8	25	25
150 - 159	2	2	-	11	6	17	18
160 - 169	4	6	1	8	5	18	18
170 - 179	-	-	2	2	-	4	4
TOTAL VESSELS	1,091	512	433	1,556	1,828	4,177	5,094
TOTAL GROSS TONNAGE .	75,074	35,253	16,844	84,783	120,413	238,011	270,716

GROSS TONNAGE	PACIFIC					GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION	
			NUMBER			
5 - 9	-	-	4	-	4	345
10 - 19	3	-	3	2	8	1,007
20 - 29	1	2	15	10	27	668
30 - 39	1	2	12	5	19	481
40 - 49	2	5	23	5	33	415
50 - 59	2	1	9	2	13	294
60 - 69	5	3	7	2	13	403
70 - 79	5	3	1	3	9	240
80 - 89	4	6	10	4	16	236
90 - 99	7	2	9	1	17	570
100 - 109	7	1	4	-	9	225
110 - 119	10	1	1	1	11	168
120 - 129	3	1	1	1	4	112
130 - 139	8	3	1	-	9	116

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1976 - Continued

GROSS TONNAGE	PACIFIC					GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER					
140 - 149	-	-	-	-	-	25
150 - 159	20	1	-	-	20	38
160 - 169	4	1	-	-	4	21
170 - 179	2	-	-	-	2	6
180 - 189	3	-	1	-	4	4
190 - 199	2	1	-	-	3	3
TOTAL VESSELS	89	33	101	36	225	5,377
TOTAL GROSS TONNAGE .	10,353	2,793	5,575	1,792	17,466	289,469

SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1976

AREA AND STATE	BOAT FISHERY				VESSEL FISHERY	
	BOATS	FISHERMEN		OTTER TRAWLS	VESSELS	
		FULL-TIME	PART-TIME			
	NUMBER					GROSS TONNAGE
NEW ENGLAND:						
MAINE	137	146	128	137	54	1,607
NEW HAMPSHIRE	4	8	-	4	-	-
MASSACHUSETTS	-	-	-	-	16	829
TOTAL, EXCLUSIVE OF DUPLICATION.	141	154	128	141	70	2,436
SOUTH ATLANTIC:						
NORTH CAROLINA.	841	334	639	883	451	16,175
SOUTH CAROLINA.	199	62	170	199	410	17,091
GEORGIA	302	190	275	302	468	23,162
FLORIDA, EAST COAST . . .	32	51	-	32	156	9,988
TOTAL, EXCLUSIVE OF DUPLICATION.	1,374	637	1,084	1,416	1,170	49,359
GULF:						
FLORIDA, WEST COAST . . .	132	156	42	132	1,091	75,074
ALABAMA	134	142	70	134	512	35,253
MISSISSIPPI	445	180	310	445	433	16,844
LOUISIANA	3,717	3,383	1,754	3,747	1,556	84,783
TEXAS	688	615	182	688	1,828	120,413
TOTAL, EXCLUSIVE OF DUPLICATION.	5,116	4,476	2,358	5,146	4,177	238,011
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION	6,490	5,113	3,442	6,562	5,094	270,716
PACIFIC:						
ALASKA.	5	15	-	8	89	10,353
WASHINGTON.	-	-	-	-	33	2,793
OREGON.	-	-	-	-	101	5,575
CALIFORNIA.	-	-	-	-	36	1,792
TOTAL, EXCLUSIVE OF DUPLICATION.	5	15	-	8	225	17,466
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	6,636	5,282	3,570	6,711	5,377	289,469

(CONTINUED ON NEXT PAGE)

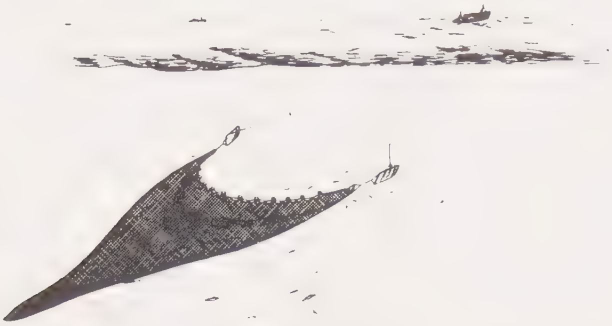
SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1976 - Continued

AREA AND STATE	VESSEL FISHERY - CONTINUED		TOTAL (BOAT AND VESSEL FISHERY)		
	FISHERMEN	OTTER TRAWLS	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS
	NUMBER				
NEW ENGLAND:					
MAINE	112	54	191	386	191
NEW HAMPSHIRE	-	-	4	8	4
MASSACHUSETTS	69	16	16	69	16
TOTAL, EXCLUSIVE OF DUPLICATION	181	70	211	463	211
SOUTH ATLANTIC:					
NORTH CAROLINA	1,038	831	1,292	2,011	1,714
SOUTH CAROLINA	930	808	609	1,162	1,007
GEORGIA	1,097	936	770	1,562	1,238
FLORIDA, EAST COAST	378	319	188	429	351
TOTAL, EXCLUSIVE OF DUPLICATION	2,735	2,268	2,544	4,456	3,684
GULF:					
FLORIDA, WEST COAST	2,851	2,100	1,223	3,049	2,232
ALABAMA	1,324	925	646	1,536	1,059
MISSISSIPPI	988	648	878	1,478	1,093
LOUISIANA	3,863	2,838	5,273	9,000	6,585
TEXAS	4,982	3,724	2,516	5,779	4,412
TOTAL, EXCLUSIVE OF DUPLICATION	10,780	7,882	9,293	17,614	13,028
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION	12,908	9,652	11,725	21,745	16,355
PACIFIC:					
ALASKA	269	142	94	284	150
WASHINGTON	99	64	33	99	64
OREGON	326	173	101	326	173
CALIFORNIA	108	36	36	108	36
TOTAL, EXCLUSIVE OF DUPLICATION	700	362	230	715	370
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	13,755	10,061	12,013	22,607	16,772

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. FISH OTTER TRAWL FLEET, 1976

The fish otter trawl fleet employed 6,882 fishermen on 1590 vessels (craft of 5 net tons or more) and 594 boats. Two hundred and twenty vessels used 2 trawls, which brought the total number of trawls in use to 2,415.



FISH OTTER TRAWL

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1976

GROSS TONNAGE	NEW ENGLAND				
	MAINE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
5 - 9	1	4	-	-	5
10 - 19	26	44	6	2	74
20 - 29	30	47	14	2	83
30 - 39	21	43	8	5	72
40 - 49	8	38	18	1	55
50 - 59	1	29	14	1	40
60 - 69	1	26	10	1	32
70 - 79	2	29	14	-	36
80 - 89	1	14	9	-	19
90 - 99	1	18	11	-	26
100 - 109	2	13	6	-	16
110 - 119	1	21	11	-	25
120 - 129	1	18	4	-	20
130 - 139	1	15	6	-	16
140 - 149	-	5	4	-	5
150 - 159	-	8	2	-	9
160 - 169	-	3	1	-	3
170 - 179	-	3	1	-	3
190 - 199	6	8	-	-	13
290 - 299	2	-	-	-	2
310 - 319	3	2	-	-	5
320 - 329	1	1	-	-	2
450 - 459	1	-	-	-	1
TOTAL VESSELS	110	389	139	12	562
TOTAL GROSS TONNAGE	6,709	26,766	10,136	406	37,135

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1976 - Continued

GROSS TONNAGE	MIDDLE ATLANTIC			CHESAPEAKE		
	NEW YORK	NEW JERSEY	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER					
5 - 9	-	1	1	-	1	1
10 - 19	30	5	35	-	2	2
20 - 29	22	14	36	3	-	3
30 - 39	13	18	29	2	4	6
40 - 49	11	22	31	1	11	12
50 - 59	5	8	12	-	10	10
60 - 69	2	15	16	1	6	6
70 - 79	6	17	22	1	7	7
80 - 89	4	13	14	3	9	11
90 - 99	4	19	21	1	10	11
100 - 109	1	9	9	1	5	6
110 - 119	3	7	9	1	3	4
120 - 129	2	7	8	1	4	5
130 - 139	-	6	6	-	4	4
140 - 149	2	3	3	-	2	2
150 - 159	-	1	1	-	1	1
160 - 169	-	1	1	-		
170 - 179	-	2	2	-	-	-
190 - 199	-	1	1	-	-	-
TOTAL VESSELS	105	169	257	15	79	91
TOTAL GROSS TONNAGE	4,403	12,325	15,310	1,016	6,173	6,961

GROSS TONNAGE	SOUTH ATLANTIC				GULF			
	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	TOTAL, EXCLUSIVE OF DUPLICATION	FLORIDA, WEST COAST	MISSISSIPPI	LOUISIANA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER							
5 - 9	4	-	-	4	-	-	-	-
10 - 19	7	1	-	8	-	-	-	-
20 - 29	7	-	-	7	1	-	-	1
30 - 39	21	-	2	23	3	-	-	3
40 - 49	24	-	1	25	-	-	-	-
50 - 59	17	-	-	17	1	-	-	1
60 - 69	10	-	-	10	-	-	-	-
70 - 79	12	-	-	12	-	-	-	-
80 - 89	9	-	-	9	-	-	1	1
90 - 99	21	1	-	22	-	1	1	1
100 - 109	1	-	-	1	-	1	-	1
110 - 119	1	-	-	1	-	-	-	-
120 - 129	5	-	-	5	-	2	2	3
130 - 139	3	-	1	4	-	2	1	2
140 - 149	3	-	-	3	-	1	1	1
150 - 159	-	-	-	-	-	2	1	3
170 - 179	-	-	-	-	-	2	1	2
180 - 189	-	-	-	-	-	1	-	1
190 - 199	-	-	-	-	-	3	1	3
220 - 229	-	-	-	-	-	1	-	1
290 - 299	-	-	-	-	-	2	-	2
TOTAL VESSELS	145	2	4	151	5	18	9	26
TOTAL GROSS TONNAGE	8,982	108	237	9,327	178	3,090	1,230	3,636

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1976 - Continued

GROSS TONNAGE	PACIFIC				
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER				
5 - 9	- -	2	13	38	53
10 - 19	3	11	12	131	157
20 - 29	-	10	17	51	78
30 - 39	-	18	16	38	72
40 - 49	-	20	28	31	76
50 - 59	3	12	9	19	42
60 - 69	1	12	7	12	30
70 - 79	2	3	1	11	17
80 - 89	-	3	5	6	12
90 - 99	6	2	9	4	20
100 - 109	3	2	3	7	13
110 - 119	6	4	1	3	13
120 - 129	3	-	1	1	4
130 - 139	5	3	1	-	9
140 - 149	-	1	-	1	2
150 - 159	10	1	-	-	10
160 - 169	2	2	-	1	4
180 - 189	1	-	1	1	3
190 - 199	-	4	1	3	7
TOTAL VESSELS	45	110	125	358	622
TOTAL GROSS TONNAGE	5,105	6,566	5,850	11,665	27,647

GROSS TONNAGE	GREAT LAKES				GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	MICHIGAN	PENNSYLVANIA	WISCONSIN	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER				
5 - 9	-	1	-	1	65
10 - 19	-	-	4	4	277
20 - 29	1	-	2	3	208
30 - 39	-	-	-	-	196
40 - 49	-	-	2	2	191
50 - 59	-	-	-	-	110
60 - 69	-	-	-	-	85
70 - 79	-	-	-	-	76
80 - 89	-	-	-	-	52
90 - 99	-	-	-	-	80
100 - 109	-	-	-	-	41
110 - 119	-	-	-	-	47
120 - 129	-	-	-	-	35
130 - 139	-	-	-	-	37
140 - 149	-	-	-	-	13
150 - 159	-	-	-	-	23
160 - 169	-	-	-	-	8
170 - 179	-	-	-	-	6
180 - 189	-	-	-	-	4
190 - 199	-	-	-	-	23
220 - 229	-	-	-	-	1
290 - 299	-	-	-	-	4
310 - 319	-	-	-	-	5
320 - 329	-	-	-	-	2
450 - 459	-	-	-	-	1
TOTAL VESSELS	1	1	8	10	1,590
TOTAL GROSS TONNAGE	27	8	198	243	89,804

SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1976

AREA AND STATE	BOAT FISHERY				VESSEL FISHERY	
	BOATS	FISHERMEN		OTTER TRAWLS	VESSELS	
		FULL-TIME	PART-TIME			
	NUMBER					GROSS TONNAGE
NEW ENGLAND:						
MAINE	57	59	49	57	110	6,709
NEW HAMPSHIRE	9	20	-	9	-	-
MASSACHUSETTS	35	59	18	35	389	26,766
RHODE ISLAND.	18	15	9	18	139	10,136
CONNECTICUT	18	24	3	18	12	406
TOTAL, EXCLUSIVE OF DUPLICATION.	137	177	79	137	562	37,135
MIDDLE ATLANTIC:						
NEW YORK.	17	34	8	17	105	4,403
NEW JERSEY.	7	14	-	7	169	12,325
TOTAL, EXCLUSIVE OF DUPLICATION.	24	48	8	24	257	15,310
CHESAPEAKE:						
MARYLAND.	-	-	-	-	15	1,016
VIRGINIA.	-	-	-	-	79	6,173
TOTAL, EXCLUSIVE OF DUPLICATION.	-	-	-	-	91	6,961
SOUTH ATLANTIC:						
NORTH CAROLINA.	-	-	-	-	145	8,982
SOUTH CAROLINA.	-	-	-	-	2	108
GEORGIA	-	-	-	-	4	237
FLORIDA, EAST COAST . . .	185	95	90	185	-	-
TOTAL, EXCLUSIVE OF DUPLICATION.	185	95	90	185	151	9,327
GULF:						
FLORIDA, WEST COAST . . .	-	-	-	-	5	178
MISSISSIPPI	-	-	-	-	18	3,090
LOUISIANA	-	-	-	-	9	1,230
TOTAL, EXCLUSIVE OF DUPLICATION.	-	-	-	-	26	3,636
PACIFIC:						
ALASKA.	-	-	-	-	45	5,105
WASHINGTON.	-	-	-	-	110	6,566
OREGON.	-	-	-	-	125	5,850
CALIFORNIA.	247	741	-	247	358	11,665
TOTAL, EXCLUSIVE OF DUPLICATION.	247	741	-	247	622	27,647
GREAT LAKES, TOTAL, EXCLUSIVE OF DUPLICATION. . . .	4	-	8	4	10	243
MISSISSIPPI RIVER, TOTAL, EXCLUSIVE OF DUPLICATION. .	1	4	-	1	-	-
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	594	1,065	177	594	1,590	89,804

AREA AND STATE	VESSEL FISHERY - CONTINUED		TOTAL (BOAT AND VESSEL FISHERY)		
	FISHERMEN	OTTER TRAWLS	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS
	NUMBER				
NEW ENGLAND:					
MAINE	307	110	167	415	167
NEW HAMPSHIRE	-	-	9	20	9
MASSACHUSETTS	1,806	394	424	1,883	429
RHODE ISLAND.	588	139	157	620	158
CONNECTICUT	33	12	30	60	30
TOTAL, EXCLUSIVE OF DUPLICATION.	2,327	568	699	2,583	705
MIDDLE ATLANTIC:					
NEW YORK.	261	105	122	303	122
NEW JERSEY.	619	169	176	633	176
TOTAL, EXCLUSIVE OF DUPLICATION.	823	257	281	879	281

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1976 - Continued

AREA AND STATE	VESSEL FISHERY - CONTINUED		TOTAL (BOAT AND VESSEL FISHERY)		
	FISHERMEN	OTTER TRAWLS	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS
	NUMBER				
CHESAPEAKE:					
MARYLAND.	49	15	15	49	15
VIRGINIA.	339	79	79	339	79
TOTAL, EXCLUSIVE OF DUPLICATION.	377	91	91	377	91
SOUTH ATLANTIC:					
NORTH CAROLINA.	447	238	145	447	238
SOUTH CAROLINA.	5	4	2	5	4
GEORGIA	9	8	4	9	8
FLORIDA, EAST COAST . . .	-	-	185	185	185
TOTAL, EXCLUSIVE OF DUPLICATION.	461	250	336	646	435
GULF:					
FLORIDA, WEST COAST . . .	21	10	5	21	10
MISSISSIPPI	59	36	18	59	36
LOUISIANA	27	18	9	27	18
TOTAL, EXCLUSIVE OF DUPLICATION.	89	52	26	89	52
PACIFIC:					
ALASKA.	180	74	45	180	74
WASHINGTON.	352	110	110	352	110
OREGON.	427	196	125	427	196
CALIFORNIA.	1,074	358	605	1,815	605
TOTAL, EXCLUSIVE OF DUPLICATION.	1,984	722	869	2,725	969
GREAT LAKES, TOTAL, EXCLUSIVE OF DUPLICATION. . . .	24	10	14	32	14
MISSISSIPPI RIVER, TOTAL, EXCLUSIVE OF DUPLICATION .	-	-	1	4	1
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	5,640	1,821	2,184	6,882	2,415

NOTE:--FISHERMEN ON VESSELS INCLUDE 4 PART-TIME FISHERMEN IN RHODE ISLAND, 10 IN NEW YORK, AND 9 IN NEW JERSEY.

SECTION 13

STATISTICAL SURVEY PROCEDURE

"Fishery Statistics of the United States" (Statistical Digest) is prepared by the Resource Statistics Division, National Marine Fisheries Service (NMFS), U.S. Department of Commerce, and is a continuation of a series inaugurated by predecessor organizations in the Department of Interior, Commerce, and Commerce and Labor, and the U.S. Fish Commission. The Statistical Digest contains detailed statistics and analytical textual reviews on the commercial fisheries of the United States. Included are data on the quantity and value of the commercial landings of fishery products by States, larger geographic regions and gear; and the number of persons, vessels, boats, and fishing gear engaged in the fisheries. In the sections on the Great Lakes and Mississippi River, the catch is also tabulated by water bodies. The Statistical Digest also contains data on the volume and value of processed fishery products, freezings and cold storage holdings, foreign trade, and other related information.

Following is a brief history of the statistical surveys that have been conducted in the United States and a description of the procedures used to collect the different kinds of data in the various geographical areas of the country.

History--The first comprehensive statistical study of the fisheries and fishery industries of the United States was made for the year 1880 by George Brown Goode, Assistant Director of the U.S. National Museum, and associates, with the cooperation of the Commissioner of Fisheries and the Superintendent of the Tenth Census. Data for specific fisheries or geographic areas for years prior to 1880, also were collected in the early survey and recorded in Mr. Goode's reports. The survey for 1880, however, did not include the Mississippi River and its tributaries. Periodic general surveys of a limited number of States or limited areas of the United States were made for the years from 1880 to 1907 and from 1909 to 1928. The first complete statistical canvass of the entire United States was made for 1908 by the Bureau of the Census. The next general survey of the entire United States was not made until 1931, although complete data for all areas, excluding the Mississippi River and its tributaries, were collected for 1929 and 1930. Complete data on the catch and operating units for these same sections were also collected for 1932. In the latter survey, however, lack of sufficient funds prohibited collection of data on the wholesale and manufacturing operations except those data collected as a part of the canned fishery products and byproducts survey. Various geographic areas were surveyed during the years from 1933 to 1949, inclusive. A complete survey of all sections of the country was made for 1950. Since 1951, all of the coastal areas have been canvassed annually, and catch records have been obtained for the Great Lakes area. Complete operating unit and catch data have been obtained for all areas since 1954, except that only a partial survey of the Mississippi River and its tributaries was made for 1961. Data on the wholesale and manufacturing industries were collected in all of the surveys from 1933 to 1940, inclusive. In the years from 1941 to 1949, inclusive, and in 1951, lack of experienced personnel and budgetary limitations precluded the collection of data on wholesale and manufacturing firms except for those data collected as part of the canned fishery products, industrial products, and packaged fish surveys.

The chart on page 380 indicates the years for which surveys have been made in the various sections. Since the surveys of the fisheries have varied in completeness, three legends have been used for the years shown in the chart to indicate whether complete, partial, or no surveys were conducted in the individual regions. The designation "complete survey" has been used to indicate that basic operating unit and catch data were obtained and that complete information was collected on employment in wholesale and manufacturing establishments and on the production of manufactured fishery products. The legend "partial survey" usually indicates that operating unit and catch statistics were collected, but that no information was obtained on employment in wholesale and manufacturing establishments and that only partial data were obtained on the production of manufactured fishery products. In some instances the designation "partial survey" is used for regions in which only catch statistics were collected. The legend "no survey" indicates that a general canvass was not conducted to obtain operating unit, catch, employment in wholesale and manufacturing plants, and complete manufactured products data. Although the chart indicates that in certain regions no surveys were conducted, some information may be available on the landings at certain important ports. Likewise, information on the catch of certain species, such as menhaden, may be available as a result of data collected in connection with the annual canned fish and byproducts survey. Data on the annual production of canned fishery products and byproducts have been collected for all regions since 1921, while information has been obtained on the production of packaged fish for 1926 and annually since 1928.

A bibliography listing the various surveys made since 1880 and the publications in which the results were published appeared in Statistical Digest No. 43. "Fishery Statistics of the United States, 1956." Figures for recent years are available from NMFS in bulletin form, but data for the earlier years are available only in the Fish Commission and Bureau of Fisheries printed reports. These reports are on file in the Department of Commerce library and in many public libraries.

Field Personnel--The statistics contained in this volume have been collected by trained fishery reporting specialists of the National Marine Fisheries Service (NMFS) and, in some cases, by personnel of State fishery agencies. The fishery reporting specialists are assigned to field stations, generally in the principal port within their areas, and travel from that station to conduct their various surveys.

Period Covered--Most of the reporting agents collect statistics on landings for the current year and assemble final operating unit, catch, and processed products data for the previous year. It is usually 3 to 10 months after the end of the calendar year for which they are collecting data before the final figures for the Digest are available. The data are tabulated and prepared for publication as soon as possible after the end of the year. The figures are collected and published on a calendar year basis. Prior to 1930, statistics on the catch of oysters in the Atlantic and Gulf States were collected for the oyster season; this is, from September to April, inclusive. Since 1930, they have been collected on a calendar year basis.

Scope--The coastal statistical surveys include canvasses of the commercial fisheries of the oceans, bays, and coastal rivers as far inland as commercial fishing is important. This usually coincides with the range of commercial fishing for anadromous species. Statistics on the fisheries of the Mississippi River include those of the Mississippi River proper as well as all of its tributaries wherein commercial fishing for either fish, crustaceans, or mollusks is carried on. Statistics on the fisheries of the Great Lakes cover canvasses of the fisheries of the lakes proper, adjacent bays, the International Lakes of northern Minnesota, and rivers which sustain a commercial fishery having outlets into these waters. Statistics on the fisheries of Florida include the commercial fisheries in Lake Okeechobee and other inland lakes. Surveys for statistics of the wholesale and processing fishing industries cover plants located in the coastal, river, and lake areas adjacent to the waters mentioned above.

Methods of Collection--There are several methods used to collect fishery statistics, each of which has been carefully studied to obtain the best results with available personnel and funds. In the preparation of operating units data, field personnel are supplied with a deck of prepunched vessel cards obtained from the Bureau of Customs. These cards indicate the name, official number, rig code, gross tonnage, length, and year built. Field personnel enter the number of crewmen, and number and type of gear used by the vessel. These data are obtained by interview. Data on the craft of less than 5 net tons are obtained from State conservation agencies and by contact with firms purchasing fish or shellfish from fishermen. The data thus obtained are machine processed to ensure accuracy.

STATISTICAL SURVEY PROCEDURE

SURVEYS OF THE FISHERIES OF THE UNITED STATES

C	Complete Survey
P	Partial Survey
☐	No Survey

Area	1880	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	1900	'01	'02	'03	'04	'05
New England	C							P	P	P								P	P				P			P
Middle Atlantic	C							P	P	P	P	P	P					P	P			P			P	
Chesapeake	C							P	P		P	P						P				P			P	
South Atlantic	C							P	P	P	P							P					P			
Gulf	C							P	P	P	P							P					P			
Alaska	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	C
Wash., Oreg., Calif.	C								P	P	P	P	P			P				P					P	
Great Lakes	C					P					P							P		P				P		
Mississippi River															P			P		P				P		

Area	1906	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25	'26	'27	'28	'29	'30	'31
New England			C		P									P					P	P	P	P	C	C	C	C
Middle Atlantic			C							P						P					C			C	C	C
Chesapeake			C												P					C				C	C	C
South Atlantic			C										P					P				C	C	C	C	C
Gulf			C										P					P				C	C	C	C	C
Alaska	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Wash., Oreg., Calif.			C							P							P	P	P	P	P	P	C	C	C	C
Great Lakes			C					P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	C	C	C
Mississippi River			C						P	P							P									

Area	1932	'33	'34	'35	'36	'37	'38	'39	'40	'41	'42	'43	'44	'45	'46	'47	'48	'49	'50	'51	'52	'53	'54	'55	'56	'57
New England	P	C		C		C	C	C	C		P	P	P	P	P	P	P	P	C	P	C	C	C	C	C	C
Middle Atlantic	P	C		C		C	C	C	C		P	P	P	P	P	P	P	P	C	P	C	C	C	C	C	C
Chesapeake	P	C	C	C	C	C	C	C	C	P	P		P	P	P	P	P	P	C	P	C	C	C	C	C	C
South Atlantic	P		C		C	C	C	C	C					P					C	P	C	C	C	C	C	C
Gulf	P		C		C	C	C	C	C					P			P	P	C	P	C	C	C	C	C	C
Alaska	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Wash., Oreg., Calif.	P	C	C	C	C	C	C	C	C	P	P	P	P	P	P	P	P	P	C	P	C	C	C	C	C	C
Great Lakes	P	P	C	P	C	C	C	C	C	P	P	P	P	P	P	P	P	P	C	P	P	P	C	C	C	C
Mississippi River																			C				C	C	C	C
Hawaii															P	P	P	P	P	P	P	P	P	P	P	P

Area	1958	'59	'60	'61	'62	'63	'64	'65	'66	'67	'68	'69	'70	'71	'72	'73	'74	'75	'76
New England	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Middle Atlantic	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Chesapeake	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
South Atlantic	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Gulf	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Alaska	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Wash., Oreg., Calif.	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Great Lakes	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Mississippi River	C	C	P	P	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Hawaii	P	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

STATISTICAL SURVEY PROCEDURE

Data on over 96 percent of the catch are available from summaries of monthly landings bulletins and other current records assembled by NMFS or the various States. If complete catch data are not available from central sources, wholesale dealers and manufacturers of fishery products are visited, and data are obtained from them on their purchases of fish and shellfish. It is impossible for the few Service representatives available for this work to interview each fisherman in a given locality. However, the more important areas and a sufficient number of areas of lesser importance are visited to obtain reliable information on production, the number of fishing craft engaged, the quantity of gear operated, catch by gear and waters, and the number of persons employed as fishermen.

The Service's role with regard to fishery statistics is principally that of coordinating the collection of information and assembling, analyzing, publishing, and disseminating fishery data. The State fishery agencies in a number of States have developed relatively complete statistical systems which greatly facilitate the Service's surveys in these States. In such instances, the Service conducts only such surveys as may be necessary to make the data comparable with those of other States.

NMFS obtains from the records of the State fishery agencies most of the catch statistics for the fisheries of the Great Lakes, the northern Mississippi River area, and the International Lakes of northern Minnesota. To obtain data on the number of fishermen, boats, vessels, and gear, the Service conducts such personal surveys among the fishermen as may be necessary to supplement the State records.

NMFS statistical personnel are stationed at Seattle, Wash., and Terminal Island, Cal. for the purpose of surveying the fisheries of Washington, Oregon, and California. They obtain from the records of the State fishery departments figures on the volume of the catch and operating units. The value of the catch is derived from State and dealers' records. In Washington and Oregon, data for operating units in the offshore fisheries are obtained from the records of various fishery organizations as well as from records of the State fishery agencies. Statistics on the wholesale fishery industry for this section are obtained largely by personal interviews.

In many States, NMFS and the fishery agency of the respective States cooperate in the collection and publication of current monthly and annual data on the catch. These data form the basis of the annual catch figures published in the Digest for the following States: Maine, Massachusetts, Rhode Island, New York, New Jersey, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, Ohio, Michigan, and Wisconsin.

In the administration of the Alaska fisheries, the State requires that copies of all receipts for fish and shellfish purchases from fishermen be furnished to the Alaska Department of Fish and Game. The data on these tickets are compiled and made available to NMFS. The summary data, by districts, are reproduced in this report.

Statistics on the volume of the catch of fish in the Great Lakes States usually are shown in weights as landed, which may be in the round or drawn condition. Statistics on the volume of the catch of fish taken in the remainder of the United States are usually shown in round weight.

The figures in the tables for shellfish represent the weight of the meats in the case of univalve and bivalve mollusks, and round weight in the case of crustaceans and such cephalopods as squid and octopus.

STATISTICAL SURVEY PROCEDURE

Shore and Vessel Fisheries--In general, statistics of the shore fisheries collected by NMFS representatives include data on the number of casual and regular fishermen; number of motor and other fishing boats (craft of less than 5 net tons capacity are called "boats"); type and quantity of gear used; and the volume, value, and method of capture of each species for each locality or group of localities. The availability of data collected by some State fishery agencies obviates the necessity of detailed surveys by NMFS personnel.

Statistics on the vessel fisheries include data on the number in the crew; rig of vessels; gross tonnage; kind and quantity of gear used; and volume, value, and method of capture of each species. Craft having a capacity of 5 net tons or over are called "vessels." As in the shore fisheries, the availability of figures collected by State fishery agencies may eliminate the necessity of Service agents collecting these data for individual vessels. Information on the year vessels were built was assembled for 1961, 1966, and 1968 to present.

Statistics on the quantity of gear operated indicate the maximum number of units fished at any one time during the year. Gear carried in reserve for replacement is not reported.

All persons engaged in commercial fishing operations are included as fishermen. In most areas, fishermen not on vessels have been divided into "full-time" and "part-time." Full-time fishermen are defined as those who receive more than one-half their annual income from fishing, whereas part-time fishermen are those who receive less than one-half their annual compensation from fishing. It has not been possible to separate full-time from part-time fishermen on the Pacific Coast.

Since 1942, the catch of fish and shellfish has been credited to the port at which it was landed. Prior to the survey for that year, it was the practice of NMFS to credit the entire catch of a vessel to the principal port at which fish or shellfish were unloaded, regardless of the actual home port of the vessels. This policy was discontinued since it quite often resulted in inconsistencies by crediting landings of some species to areas far removed from localities in which they are commonly taken. An outstanding example of this is the southern trawl fishery conducted off the New Jersey, Maryland, Virginia, and North Carolina coasts. Some fishing vessels from New England operate in this fishery for 6 to 10 weeks during the winter season. Prior to the survey for 1942, the catch of these vessels, consisting principally of fish common to Middle Atlantic waters, was credited to Massachusetts. Under the present system, this catch is credited to the Middle Atlantic ports where it is landed.

Since 1949 on the Pacific Coast and 1951 for the remainder of the country, craft, fishermen, and gear have been reported for each State in which they fished. A total exclusive of duplication is shown for each section and for the United States as a whole. Prior to the surveys for 1949, each craft on the Pacific Coast was credited to its home port unless it did not fish from that port during the year. In that case, it was credited to the locality where it landed the greatest portion of its catch. Prior to the survey for 1951, each craft on the Atlantic and Gulf Coasts and interior waters was credited to the port where it landed the greatest portion of its catch during the year. This system was changed to provide more accurate data on the total number of craft operating in a given State. With the increased mobility of the fishing fleet in recent years, the number of vessels fishing in more than one State has increased greatly.

Beginning with data for 1951, the reporting of units of gear was standardized so that nets or lines made up of small units for ease in handling, but fastened together in fishing, were counted as a single unit rather than as a number of smaller units. Prior to 1951, the small units were sometimes counted as individual pieces of gear even though they were combined for fishing. This rule does not apply to halibut longlines or setlines on the Pacific Coast. In this fishery, each skate of gear is counted as one line, even though fastened together in fishing, because the International Pacific Halibut Commission uses a skate as a unit in its studies of fishing intensity.

STATISTICAL SURVEY PROCEDURE

Beginning with 1962, only summary data have been shown on the number of fishing gear operated in the Great Lakes and the International Lakes of northern Minnesota. These data appear in the General Review section of the Digest in the table "Summary of Operating Units." In detailed operating unit tables for these lakes, the number and size of gear have been replaced by information on the fishing effort expended in the operation of each gear.

Publication of Data--Statistics on employment in the fisheries, craft and gear engaged, quantity and value of catch, and certain data on industries related to the fisheries are summarized according to geographic divisions and published in bulletin form as soon as possible after the completion of each survey. Later, the figures, in more detail, are included in this statistical report.

Data on the operating units (fishermen, fishing craft, and gear) and catch by counties for the Atlantic and Gulf States have been included in these annual statistical reports for the years from 1928 to 1938 except for 1932. These data have also been published in the digests for the years 1945, 1950, 1955, and 1960. County data were collected for the State in which surveys were conducted during the years since 1938, except for Maryland. Between 1942 and 1959, only operating unit data by counties have been obtained for Maryland. Complete data were obtained for 1960. County data assembled for the years since 1938 which were not published in the Digest are on file in the Washington Office of the Data Management and Statistics Division.

LOCAL AND SPECIAL SURVEYS

Landings at Certain Massachusetts Ports--Detailed statistics are collected on the landings of aquatic products by individual fishing craft at Boston, Gloucester, New Bedford, Plymouth, Provincetown, and other Cape Cod ports. Data on the landings at Boston and Gloucester have been collected annually since 1893. Information on landings at New Bedford has been collected annually since 1938; and at Plymouth, Provincetown, and other Cape Cod ports since 1945. NMFS representatives are stationed at the principal ports. They obtain figures on the quantity and value of fish landed daily by fishing craft, the dates of departure and arrival of the craft, the gear used in their capture, the grounds from which the fish were taken, and other related information. The Service's Office of Resource Research cooperates in the collection of these data.

Statistics on landings at the above ports are released monthly and annually in bulletin form, and summary data are published in the annual Statistical Digest.

Shad and Alewife Fisheries--Surveys for statistics on the catch, value of catch, and operating units in the Hudson and Potomac River shad fisheries are made annually. On the Potomac River, similar statistics are also obtained for the alewife fishery. Much of the data required for these surveys is available from the States' fishery agencies.

Annual data on the shad and alewife fisheries are not published separately in bulletin form. However, a summary is published in various Digests.

Statistics on the Hudson River shad fishery are available for 1896, 1897, 1898, 1901, 1904, 1910, and continuouslv since 1915. Data for the Potomac River shad fishery are available for 1896, 1901, 1904, 1909, 1915, 1919 to 1942, and 1944 to 1971, inclusive. Statistics on the Potomac River alewife fishery are available for 1896, 1909, 1915, 1919 to 1942, and 1944 to 1971, inclusive.

STATISTICAL SURVEY PROCEDURE

South Atlantic and Gulf of Mexico Shrimp Fishery--Detailed statistics on quantity and value of shrimp, by variety and size, landed at South Atlantic and Gulf ports, have been collected for the Gulf area since 1956 and the South Atlantic since 1957. Since 1956, NMFS personnel have also obtained daily information on the number of fishing trips, area and depth fished, and time spent fishing for craft landing at U.S. ports in the Gulf of Mexico. Various fishery agencies of the southern States cooperate in the collection of these data.

Detailed monthly and annual summaries of the statistics on shrimp catch and landings are published in bulletin form and are summarized in the Statistical Digests.

Historical Fishery Statistics--NMFS has in its files and in various reports or publications, a large volume of historical data on fisheries. Beginning with the 1951 Digest, a section entitled "Historical Fishery Statistics," which includes complete historical information on selected species, has been carried. There is published each year a listing of the titles of the series of data appearing in earlier editions.

Review of Certain Major Fisheries--For the years 1942-76, tabulations containing complete data on the catch of certain major species have been included in a section of the Digest entitled "Review of Certain Major Fisheries." Although the data are included in the detailed catch tables of the various States, they are consolidated in this section to provide a single source of data for cod, haddock, menhaden, Atlantic ocean perch, salmon, tuna, oysters, clams, crabs, and shrimp. Data on operating units in the following fisheries have likewise been consolidated in this section: salmon purse seine and troll line, Atlantic and Pacific Coast tuna, menhaden purse seine, fish and shrimp otter trawls.

Canned Fishery Products and Industrial Products--Since 1921, NMFS has made annual sectional surveys for statistics on canned and industrial fishery products. These surveys are started the first week in January of each year for statistics on the production in the preceding year. So far as possible, the Service obtains by mail, statistics on the annual production of each domestic canned and industrial fishery products plant. If it is impossible to obtain the information by mail, the report is secured by a NMFS representative. Included in the data obtained are statistics on the yield and value of the canned products by type of commodity, can size, and area of production. Data on industrial products are obtained by commodity and area of production. The value shown for canned and industrial products is the gross amount received by the packer at the production point. No deductions are made for commissions or expenses.

Annual statistical bulletins are issued on this trade, and detailed data are published in the Statistical Digest. Prior to 1921, canned and industrial products data were not collected for the entire country. However, data on the production of these products were usually obtained for the areas in which general canvass surveys were conducted.

Fish Meal and Oil--Data are collected monthly on the domestic production of fish meal, body oil, and fish solubles. This information is released monthly and annually in the Service's Current Fishery Statistics series of bulletins.

Fish Fillets and Steaks--Statistics on the annual production and value of fish fillets and steaks in the United States are obtained in conjunction with the canned and industrial fishery products survey. These data are released annually in bulletin form and in the annual Statistical Digest. Statistics on the production of fillets and steaks are available for 1926 and annually since 1928, except that no data were collected in California for the years 1941 to 1946, inclusive.

STATISTICAL SURVEY PROCEDURE

Fish Sticks and Portions--Quarterly information is collected and published on the production and value of breaded, cooked and raw fish sticks, breaded, cooked and raw fish portions, and unbreaded fish portions. The data are released in the Service's Current Fishery Statistics series of bulletins.

Cold-Storage Holdings of Fish--Information on the monthly freezings and holdings of fishery products is obtained from cold storage warehouses by mail and by NMFS employees. Data are also obtained on the holdings of certain cured fish. Bulletins showing these statistics are issued monthly and annually.

Detailed cold-storage statistics also are published in the Statistical Digest. Information regarding cold-storage holdings of fishery products has been published since 1917, while data on the quantity of fish frozen have been released for the years from 1920 to 1925, inclusive, and continuously since 1928.

Foreign Fishery Trade--Statistics on foreign trade are obtained from compilations made by the Bureau of the Census, Department of Commerce. Statistics on all known imported or exported fishery products have been assembled and published annually since 1926 in the Digest. For earlier years, figures are available in the reports of the Bureau of the Census, Bureau of Foreign and Domestic Commerce, the Bureau of Statistics, the Department of Commerce and Labor, or the Treasury Department.

PRACTICES AND TERMS

Certain practices and terms used in this report are explained below.

Operating Units--Operating units include persons employed in the fisheries, and craft and gear engaged in the fisheries.

Vessel--A craft having a capacity of 5 net tons or over.

Boat--A craft having a capacity of less than 5 net tons.

Days Absent--In computing "days absent" for vessels landing fares at certain Massachusetts ports, the day of arrival, but not the day of departure, is included; thus, a vessel leaving port on the 8th of the month and returning on the 15th of the month will be credited with 7 days absence. Prior to 1944, "days absent" included both the day of departure and the day of arrival.

Days Fished--In computing "days fished" for fishing craft landing shrimp at Gulf of Mexico ports, the total number of hours spent in fishing effort has been divided by 24.

Fish--The term "fish" as used in this report includes all species belonging to the class Pisces.

Shellfish et al.--A shellfish is an aquatic invertebrate animal having a shell, such as a mollusk or crustacean. However, in order to reduce the classifications appearing in the catch tables, all items not properly listed as "Fish" or "Whale Products" have been included under "Shellfish et al." Accordingly, turtles, frogs, sponges, seaweed, and worms are included under this classification.

Incidental Catch--The term "incidental catch" refers to the catch of certain species by a type of gear which ordinarily does not capture such species.

Percentages--Percentages are usually shown as whole numbers. Fractions of percents are dropped if less than five-tenths, and the percentage is raised to the next higher integer if the fraction is greater than five-tenths. If the fraction is exactly five-tenths, odd integers are raised to the next even figure while even integers remain unchanged.

Converting--Many of the figures shown in the summary tables published herewith have converted to thousands of pounds or thousands of dollars. In making these conversions the sum of the items in a table is raised or lowered to the nearest thousand in accordance with standard statistical procedures. The individual items are adjusted to conform to the total thus obtained.

Confidential Data--The statistical data collected by the Service are confidential, and, unless specific authorization is given, are not released in a manner that would divulge private enterprise.

CONVERSION FACTORS

It is the policy of the Service to show detailed catch figures of all products in pounds for the sake of uniformity and for the purposes of comparison. This represents little difficulty in the case of fish, since in very rare instances are fish reported in units of measure other than pounds. For shellfish, however, the units of measure may be bushels, sacks, barrels, numbers, gallons of meats, etc. So many units make standardization difficult, and when combined with the wide variation in the requirements or definitions of some of these units in the various States, the problem becomes even more complex.

All univalve and bivalve mollusks (except fresh-water mussel shells) are reported in pounds of meats in the detailed catch tables presented in this report. In addition, there are included supplementary tables for most of the sections, which give data on the production in bushels. These supplementary tables also give the production in number of certain other shellfish, such as crabs. There also is included in the General Review section of this report a table containing data on the shell weight of univalve and bivalve mollusks taken.

Oysters--Probably the greatest problem in the presentation of fishery statistics in uniform units of measure is in the case of oysters. Usually the production of oysters on the Atlantic and Gulf Coasts is reported to NMFS personnel in bushels. Prior to the data obtained for the year 1930, bushels were converted to pounds of meats on the basis of a uniform yield of 7 pounds of meats to the bushel. However, it was found that there was considerable variation in the yield of oysters per bushel particularly in Southern States where the yield has ranged as low as half the conversion factor used prior to 1930. There follows a table which gives the measures used for oysters in the various States and the average yields per bushel. The statistical tables in this report are based on these average yields.

STATISTICAL SURVEY PROCEDURE

MEASURES AND YIELD OF OYSTERS

STATE	CAPACITY OF STATE BUSHEL	VARIATION FROM U.S. STANDARD BUSHEL		YIELD OF MARKET OYSTERS, 1976	
				STATE BUSHEL	U.S. STANDARD BUSHEL
	CUBIC INCHES		PERCENT	POUNDS OF MEATS	
MASSACHUSETTS	2,150.4	-	-	6.50	6.50
CONNECTICUT	2,150.4	-	-	7.70	7.70
NEW YORK	2,150.4	-	-	7.50	7.50
NEW JERSEY	2,257.3	+ 106.9	+ 5.0	7.35	7.00
DELAWARE	2,257.3	+ 106.9	+ 5.0	6.51	6.20
MARYLAND	2,800.7	+ 650.3	+ 30.2	6.48	4.98
VIRGINIA	3,003.9	+ 853.5	+ 39.7	6.59	4.72
NORTH CAROLINA	2,801.9	+ 651.5	+ 30.3	6.54	5.02
SOUTH CAROLINA	4,071.5	+ 1,921.1	+ 89.3	4.96	2.62
GEORGIA	5,343.9	+ 3,193.5	+ 148.5	8.32	3.35
FLORIDA, EAST COAST	3,214.1	+ 1,063.7	+ 49.5	6.01	4.02
FLORIDA, WEST COAST	3,214.1	+ 1,063.7	+ 49.5	6.79	4.54
ALABAMA	2,826.2	+ 675.8	+ 31.4	8.04	6.12
MISSISSIPPI	2,826.2	+ 675.8	+ 31.4	8.54	6.50
LOUISIANA	2,148.4	- 2.0	- 0.1	4.82	4.82
TEXAS	2,700.0	+ 549.6	+ 25.6	6.64	5.29

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE YIELD OF CERTAIN MOLLUSKS, 1975

STATE	CLAMS					
	HARD		OCEAN QUAHOG	RAZOR	SOFT	SURF
	PUBLIC	PRIVATE				
	POUNDS OF MEATS PER U.S. STANDARD BUSHELS					
MAINE	11.00	-	-	-	15.00	-
MASSACHUSETTS	11.00	11.00	10.00	16.00	13.00	11.00
RHODE ISLAND	12.00	-	10.00	-	13.00	11.00
CONNECTICUT	-	12.00	-	-	-	-
NEW YORK	12.00	12.00	-	16.00	16.00	17.00
NEW JERSEY	10.00	-	10.00	-	12.00	17.00
DELAWARE	8.00	-	-	-	-	-
MARYLAND	8.00	-	10.00	-	12.00	17.00
VIRGINIA	8.00	-	-	-	-	17.00
NORTH CAROLINA	8.75	-	-	-	-	17.00
SOUTH CAROLINA	8.75	-	-	-	-	-
GEORGIA	8.75	-	-	-	-	-
FLORIDA, EAST COAST	8.00	-	-	-	-	-

STATE	CONCHS	MUSSELS, SEA	PERIWINKLES AND COCKLES	SCALLOPS		
				BAY	CALICO	SEA
	POUNDS OF MEATS PER U.S. STANDARD BUSHEL					
MAINE	15.00	15.00	18.00	-	-	6.00
MASSACHUSETTS	15.00	10.00	-	6.00	-	6.00
RHODE ISLAND	15.00	10.00	-	-	-	6.00
CONNECTICUT	15.00	-	-	-	-	-
NEW YORK	15.00	10.00	-	6.00	-	6.00
NEW JERSEY	20.00	10.00	-	-	-	6.00
DELAWARE	20.00	10.00	-	-	-	-
MARYLAND	20.00	-	-	-	-	6.00
VIRGINIA	20.00	-	-	-	-	6.00
NORTH CAROLINA	-	-	-	5.50	-	6.85
FLORIDA, EAST COAST	-	-	-	-	2.35	-
FLORIDA, WEST COAST	-	-	-	5.02	2.21	-

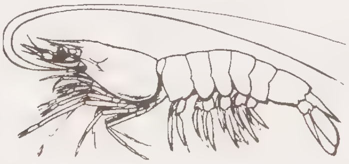
STATISTICAL SURVEY PROCEDURE

RECOVERY OF SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO HEADS-ON WEIGHT

ITEM	SOUTH ATLANTIC AND GULF CATCH		PACIFIC AND NORTH ATLANTIC CATCH	
	PERCENT RECOVERY FROM HEADS-ON WEIGHT	TO CONVERT TO HEADS-ON WEIGHT, MULTIPLY BY:	PERCENT RECOVERY FROM HEADS-ON WEIGHT	TO CONVERT TO HEADS-ON WEIGHT, MULTIPLY BY:
HEADLESS:				
BROWN (PENAEUS AZTECUS) .	62.1	1.61	-	-
PINK (PENAEUS DUORARUM) .	62.5	1.60	-	-
WHITE (PENAEUS SETIFERUS)	64.9	1.54	-	-
ROYAL RED (HYMENOPENAEUS ROBUSTUS).	55.6	1.80	-	-
SEA BOBS (XIPHOPENAEUS KROYERI)	65.4	1.53	-	-
OTHER (MOSTLY PANDALUS SPECIES)	-	-	57.0	1.75
ALL SPECIES (WEIGHTED AVERAGE)	62.9	1.59	57.0	1.75
PEELED FANTAIL, RAW 1/. . .	50.0	2.00	-	-
PEELED, RAW 1/.	49.0	2.04	28.0	3.57
PEELED, COOKED 1/	31.9	3.13	-	-
BREADED, RAW (INCLUDING FANTAIL) 1/.	100.0	1.00	-	-
DRIED 1/.	13.0	7.69	-	-
CANNED 1/	31.2	3.21	16.0	6.25

1/ AVERAGE FOR ALL SPECIES

NOTE:--EFFECTIVE IN 1962, THE CONVERSION FACTORS LISTED ABOVE BECAME THE RESOURCE STATISTICS DIVISIONS' FACTORS FOR CONVERTING VARIOUS SHRIMP PRODUCTS TO HEADS-ON (ROUND) WEIGHT.



STATISTICAL SURVEY PROCEDURE

RECOVERY OF PROCESSED SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO WEIGHT OF RAW BASIC PRODUCT, SOUTH ATLANTIC AND GULF STATES

BASIC PRODUCT, RAW	PROCESSED PRODUCT			
	HEADLESS RAW	PEELED FANTAIL RAW	PEELED RAW	PEELED COOKED
HEADS-ON (ROUND)	62.9%	50.0%	49.0%	31.9%
FACTOR	1.59	2.00	2.04	3.13
HEADLESS	100.0%	79.6%	77.9%	50.7%
FACTOR	1.00	1.26	1.28	1.97
PEELED	-	-	100.0%	65.1%
FACTOR	-	-	1.00	1.54

BASIC PRODUCT, RAW	PROCESSED PRODUCT - CONTINUED		
	BREADED RAW	CANNED	DRIED
HEADS-ON (ROUND)	100.0%	31.2%	13.0%
FACTOR	1.00	3.21	7.69
HEADLESS	159.0%	49.6%	20.7%
FACTOR	0.63	2.02	4.83
PEELED	204.1%	63.7%	26.5%
FACTOR	0.49	1.57	3.77

SEE NOTE BELOW FOLLOWING TABLE.

RECOVERY OF PROCESSED SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO WEIGHT OF RAW PRODUCT, PACIFIC AND NORTH ATLANTIC STATES

BASIC PRODUCT, RAW	PROCESSED PRODUCT		
	HEADLESS RAW	PEELED RAW	CANNED
HEADS-ON (ROUND)	57.0%	28.0%	16.0%
FACTOR	1.75	3.57	6.25
HEADLESS	100.0%	49.1%	28.1%
FACTOR	1.00	2.04	3.56
PEELED	-	100.0%	57.1%
FACTOR	-	1.00	1.75

NOTE:--THE QUANTITY OF PROCESSED PRODUCT MULTIPLIED BY THE FACTOR LISTED YIELDS THE WEIGHT OF BASIC PRODUCT REQUIRED TO PRODUCE THE PROCESSED PRODUCT.

OTHER CONVERSION FACTORS

ITEM	WHEN REPORTED AS	TO CONVERT TO:	MULTIPLY BY
OYSTERS	GALLONS OF SHUCKED MEATS	POUNDS OF SHUCKED MEATS	8.75
CLAMS	"	"	8.75
SCALLOPS	"	"	8.75
OILS, FISH AND WHALE	GALLONS	POUNDS	7.75
CRAB MEAT:			
BLUE	POUNDS	LIVE WEIGHT	7.14
DUNGENESS	"	" "	4.17

SECTION 14 - GLOSSARY

To prevent misunderstanding in the use of common names used in the tables and discussions, the following list of common and scientific names is given for fish, shellfish, and other aquatic animals and plants taken by U.S. fishermen. The list of scientific names is by no means complete and is intended only as a guide for the identification of the various species under the appropriate common name used in the Statistical Digest.

Common name used in Statistical Digest	Other common names	Scientific name
FISH		
Alewife	Big-eyed herring, blueback herring, branch herring, glut herring, river herring, shad herring	*Alosa aestivalis* *A. pseudoharengus*
Amberjack	Jack, kahala (Hawaii)	*Seriola* species
Anchovy		Engraulidae
Angelfish		*Holacanthus* and *Pomacanthus* species
Anglerfish	Allmouth, bellyfish, goosefish, headfish, monkfish	*Lophius americanus*
Arctic char	Char	*Salvelinus alpinus*
Ballyhoo	Balao, halfbeak	*Hemiramphus brasiliensis*
Barracuda	Kaku (Hawaii), scooter	*Sphyraena* species
Barracuda, Japanese	Kawelea (Hawaii)	*Sphraena helleri*
Bigeye scad	Akule (Hawaii)	*Trachurops crumenophthalmus*
Billfish	Needlefish, saury	*Tylosurus* species
Blackfish (see Hardhead)		
Blacksmith		*Chromis punctipinnis*
Black skipjack (see Tuna)		
Bluefish	Blue snapper, skipjack, tailor	*Pomatomus saltatrix*
Blue pike	Hard pike, pikeperch	*Stizostedion vitreum glaucum*
Blue runner	Crevalle, hardtail, runner	*Caranx crysos*
Bonefish	O'io (Hawaii)	*Albula vulpes*
Bonito		*Sarda chiliensis* (Pacific) *S. sarda* (Atlantic)
Bowfin	Freshwater dogfish, grindle	*Amia calva*
Brown trout		*Salmo trutta*
Buffalofish	Buffalo, winter carp	*Ictiobus* species
Burbot	Lawyer, ling	*Lota lota*
Butterfish	Silver dollar	*Peprilus triacanthus* (Atlantic) *P. burti* (Gulf of Mexico)
Cabezon	Bullhead, marbled sculpin	*Scorpaenichthys marmoratus*
Cabrilla	Rock bass, spotted cabrilla	*Epinephelus analogus*
Carp	German carp, summer carp	*Cyprinus carpio*
Catfish and bullheads		*Ictalurus* species
Chubs	Blackfin, bluefin, cisco, longjaw, tullibee, whitefish	*Coregonus* and *Leucichthys* species
Cigarfish	Mackerel scad, opelu (Hawaii), round scad, scad	*Decapterus* species
Cisco	Herring, lake herring	*Coregonus artedii* (Lake Erie only)
Cobia (cabio)	Black bonito, cobio, crabeater, lemonfish, ling	*Rachycentron canadum*
Cod	Codfish	*Gadus macrocephalus* (Pacific) *G. morhua* (Atlantic)
Crappie	Black crappie, calico crappie, white crappie	*Pomoxis annularis* *P. nigromaculatus*

GLOSSARY

Common name used in Statistical Digest	Other common names	Scientific name
Crevalle	Blue cravelle or omilu (Hawaii), common jack, crevalle jack, hardtail, jack cravelly or ulua, omaka (Hawaii)	*Caranx hippos*
Croaker	Crocus, hardhead	*Micropogon undulatus* (Atlantic)
Cunner	Bergall, blue perch, chogset.	*Tautogolabrus adspersus*
Cusk	Torsk, tusk	*Brosme brosme*
Cutlassfish	Silver eel, ribbon fish	*Trichiurus lepturus* (Atlantic)
Damselfish	Kupipi (Hawaii)	*Abudefduf sordidus*
Dolly Varden trout	Bull trout, Dolly Varden, salmon trout	*Salvelinus malma*
Dolphinfish	Dorado, mahimahi (Hawaii), pompano dolphin, dolphin	*Coryphaena equisetis* *C. hippurus*
Drum:		
Black	Oyster cracker, oyster drum, sea drum	*Pogonias cromis*
Red	Channel bass, redfish, spotted bass	*Sciaenops ocellata*
Eel:		
Common	American eel, silver eel	*Anguilla rostrata*
Conger	Puhi (Hawaii), white eel	*Conger oceanicus* *C. marginatus*
Moray	Puhi (Hawaii)	Muraenidae
Flounder:		
Atlantic and Gulf Coasts:		
Blackback	Winter flounder (weighing under 3-1/2 pounds each)	*Pseudopleuronectes americanus*
Dab	American plaice, sea dab	*Hippoglossoides platessoides*
Fluke	Flounder, Gulf flounder, summer flounder, southern flounder	*Paralichthys albigutta* *P. dentatus* *P. lethostigma*
Gray sole	Witch flounder	*Glyptocephalus cynoglossus*
Lemon sole	Blackback (weighing over 3-1/2 pounds each)	*Pseudopleuronectes americanus*
Yellowtail	Dab	*Limanda ferruginea*
Pacific Coast:		
Arrowtooth halibut	Arrowtooth flounder, French sole, turbot	*Atheresthes stomias*
California halibut	Chicken halibut	*Paralichthys californicus*
Sanddab	Pacific sanddab	*Citharichthys sordidus*
"Sole":		
Dover	Slime sole, shortfinned sole.	*Microstomus pacificus*
English	Lemon sole, California sole..	*Parophrys vetulus*
Petrale	Brill	*Eopsetta jordani*
Rex	Longfinned sole	*Glyptocephalus zachirus*
Sand	Fringe sole	*Psettichthys melanostictus*
Unclassified		Bothidae and Pleuronectidae
Flying fish		*Cypselurus* species
Frigate mackerel		*Auxis thazard*
Garfish	Gar, sea gar	*Lepisosteus* species
Gizzard shad	Mud shad, nanny shad, winter shad	*Dorosoma cepedianum*
Goatfish	Kumu, malu, moano, moelua, weke, weke-ula (Hawaii)	Mullidae
Goldfish	Gold perch, sand perch	*Carassius auratus*
Grenadier		*Coryphaenoides* species

GLOSSARY

Common name used in Statistical Digest	Other common names	Scientific name
Grouper....................	Sea bass....................	*Epinephelus* and *Mycteroperca* species, except *E. itajara*
Grunt......................	Margate, sailors' choice.....	*Haemulon* and *Anisotremus* species
Haddock....................	....	*Melanogrammus aeylefinus*
Hake:		
Pacific...................	Merluccio..................	*Merluccius productus*
Red.......................	Black hake, ling, mud hake, squirrel, squirrel hake.....	*Urophycis chuss* (Atlantic)
White.....................	Hake.......................	*Urophycis tenuis*
Halfmoon..................	Rudderfish, Catalina perch...	*Medialuna californiensis*
Halibut...................	....	*Hippoglossus hippoglossus* (Atlantic) *H. stenolepis* (Pacific)
Hardhead..................	Sacramento blackfish, Sacramento rockfish.........	*Orthodon microlepidotus*
Harvestfish...............	Dollarfish, northern harvestfish, pappyfish, southern harvestfish, starfish..................	*Peprilus alepidotus*
Herring:		
Lake......................	Cisco......................	*Coregonus artedii*
Sea.......................	Sardine....................	*Clupea harengus hargenus* (Atlantic) *C. harengus pallasi* (Pacific)
Thread....................	Hairyback..................	*Opisthonema oglinum* (Atlantic)
Hickory shad..............	Autumnal herring, skip, tailor shad................	*Alosa mediocris*
Hogchoker.................	....	*Trinectes maculatus*
Hogfish...................	....	*Lachnolaimus maximus*
Jack mackerel.............	Horse mackerel, Spanish mackerel..................	*Trachurus symmetricus*
Jewfish...................	....	*Epinephelus itajara*
King croaker..............	Herring, kingfish, tomcod, white croaker..............	*Genyonemus lineatus*
King whiting or "kingfish"..	Ground mullet, sea mink, sea mullet, whiting.........	*Menticirrhus* species
Lake trout................	....	*Salvelinus namaycush*
Lamprey...................	Pacific lamprey, sea lamprey.	*Entosphenus tridentatus* (Pacific) *Petromyzon marinus* (Atlantic)
Launce....................	American sand launce, lanti, sand eel, sand launce......	*Ammodytes* species
Lingcod...................	Blue cod, buffalo cod, cultus cod, ling.................	*Ophiodon elongatus*
Mackerel:		
Atlantic..................	American mackerel, Boston mackerel..................	*Scomber scombrus*
King......................	Cero, kingfish..............	*Scomberomorus cavalla* *S. regalis*
Pacific...................	Chub mackerel, green mackerel	*Scomber japonicus*
Spanish...................	Mackerel....................	*Scomberomorus maculatus* (Atlantic) *S. concolor* (Pacific)
Mackerel scad.............	Opelu (Hawaii)..............	*Decapterus macarellus*((Atlantic) *D. pinnulatus* (Pacific)

GLOSSARY

Common name used in Statistical Digest	Other common names	Scientific name
Marlin:		
Black	A'u (Hawaii), Pacific blue marlin	*Makaira indica* *M. nigricans*
Sailfish	A'u (Hawaii), lepe	*Istiophorus platypterus*
Shortbill	A'u (Hawaii), shortnosed spearfish	*Tetrapturus angustirostris*
Silver	A'u (Hawaii), white marlin	*Tetrapturus albidus*
Striped	A'u (Hawaii)	*Tetrapturus audax*
Unclassified	A'u (Hawaii)	Istiophoridae
Menhaden	Bigeye, bunker, fatback, mossbunker, pogy	*Brevoortia tyrannus* (Atlantic) *B. patronus* (Gulf)
Milkfish	Awa (Hawaii)	*Chanos chanos*
Minnows	Hitch	Cyprinidae
Mojarra	Sand bream, sand perch	Gerreidae
Mooneye	Goldeye, toothed herring	*Hiodon tergisus* *H. alosoides*
Mountain bass	Aholehole (Hawaii)	*Kuhlia sandvicensis*
Mudsucker, longjaw		*Gillichthys mirabilis*
Mullet	Amaama (Hawaii), black mullet, Liza, jumping mullet, sand mullet, silver mullet, striped mullet, white mullet	*Mugil* species
Muttonfish	Mutton snapper	*Lutjanus analis*
Ocean perch:		
Atlantic	Redfish, red perch rosefish	*Sebastes marinus*
Pacific		*Sebastes alutus*
Ocean pout	Eelpout, sea pout	*Macrozoarces americanus*
Opaleye	Black perch	*Girella nigricans*
Paddlefish	Spoonbill cat	*Polyodon spathula*
Parrotfish	Uhu (Hawaii)	Scaridae
Perch	Surffish, surfperch	Embiotocidae
Permit		*Trachinotus falcatus*
Pigfish	Hogfish	*Orthopristis chrysoptera*
Pike or pickerel	Great Lakes pike	*Esox* species
Pinfish	Bream, saltwater bream	*Lagodon rhomboides*
Pollock	Boston bluefish	*Pollachius virens* *Theragra chalcogramma* (Pacific)
Pompano		*Peprilus simillimus* (Pacific) *Trachinotus carolinus* (Atlantic)
Queenfish		*Seriphus politus*
Quillback	Skimfish, spearfish	*Carpiodes cyprinus*
Rainbow trout	Steelhead trout	*Salmo gairdneri*
Ratfish		*Hydrolagus colliei*
Red bigeye	Aweoweo (Hawaii)	Priacanthidae
Rock bass	Goggle-eye, groupers, kelp bass, redeye, sand bass, spotted bass	*Ambloplites rupestris* *Paralabrax* species (Pacific)
Rockfishes	Rock cod, snapper, idiot, boccacio	*Sebastes* species, except *S. alutus* (Pacific)
Rudderfish	Bermuda chub, Nenue (Hawaii).	*Kyphosus sectatrix* (Atlantic and Gulf Coasts) *K. cinerascens*
Runner	Lae (Hawaii), leatherback	*Scomberoides sancti-petri*

GLOSSARY

Common name used in Statistical Digest	Other common names	Scientific name
Sablefish	Black cod, butterfish, candlefish	*Anoplopoma fimbria*
Salmon:		
Atlantic		*Salmo salar*
Pacific:		
Chinook or king	Spring, tyee, tulie, royal chinook, blackmouth	*Oncorhynchus tshawytscha*
Chum or keta	Dog, fall, silver bright	*O. keta*
Pink	Humpback, humpy	*O. gorbuscha*
Red or sockeye	Blueback, kokanee	*O. nerka*
Silver or coho	Hooknose	*O. kisutch*
Sand perch	Silver perch, yellowtail	*Bairdiella chrysura*
Sardine, Pacific	Pilchard, makiawa (Hawaii)	*Sardinops caerulea* *Etrumeus micropus*
Sauger	Sand pike	*Stizostedion canadense*
Saury	Skipper, sour belly	*Cololabis saira* (Pacific) *Scomberesox saurus* (Atlantic)
Sawfish	Smalltooth sawfish	*Pristis pectinata*
Sculpin	Bullhead, scorpionfish	Scorpaenidae
Scup or porgy	Fair maid, paugy, porgee, white snapper	*Calamus* and *Stenotomus* species
Sea bass:		
Black	Blackfish (Atlantic), black jewfish (Pacific), giant sea bass, hapuupuu (Hawaii).	*Centropristis* species (Atlantic) *Epinephelus quernus* (Hawaii) *Stereolepis gigas* (Pacific)
White	Sea trout	*Cynoscion nobilis* (Pacific)
Sea catfish	Catfish, gafftopsail	*Arius felis* *Bagre marinus*
Sea robin		*Prionotus* species
Sea trout or weakfish:		
Gray	Gray trout, squeteague, weakfish	*Cynoscion regalis*
Spotted	Speckled trout, spotted seatrout, spotted trout	*C. nebulosus*
White	Sand seatrout, sand trout, white trout, silver seatrout	*C. arenarius* *C. nothus*
Shad	American shad, white shad	*Alosa sapidissima*
Sharks:		
Grayfish	Dogfish, smooth dog, spiny, steakfish	*Mustelus* and *Squalus* species
Soupfin		*Galeorhinus zyopterus*
Unclassified		*Carcharodon, Carcharhinus, Lamna, Odontaspis,* and *Sphryna* species
Sheefish	Inconnu	*Stenodus leucichthys*
Sheephead	California sheephead	*Pimelometopon pulchrum*
Sheepshead:		
Freshwater	Freshwater drum, gaspergou, gou	*Aplodinotus grunniens*
Saltwater	Fathead, humpy, redfish	*Archosargus probatocephalus*
Sierra		*Scomberomorus sierra*
Silversides	Spearing	Atherinidae
Skates	Rajafish, ray	*Raja* species
Smelt	American smelt, eulachon, rainbow smelt, silver smelt, capelin	Osmeridae *Mallotus villosus*

GLOSSARY

Common name used in Statistical Digest	Other common names	Scientific name
Snapper:		
Gray	Uku	*Lutjanus griseus* *Aprion virescens*
Lane		*Lutjanus synagris*
Mangrove	Gray snapper	*L. griseus*
Mutton	Muttonfish	*L. analis*
Pink	Kalikali, opakapaka (Hawaii)	*Pristipomoides microlepis* *P. sieboldii*
Red	Ulaula, ulaula koae (Hawaii)	*Etelis carbunculus, E. marshi,* *Lutjanus campechanus,* *L. purpureus*
Vermilion		*Rhomboplites aurorubens*
Yellowtail		*Ocyurus chrysurus*
Unclassified		*Apsilus, Etelis,* and *Lutjanus* species
Snook	Pike, robalo, sergeantfish	*Centropomus undecimalis*
Spadefish	Angelfish, Atlantic spadefish	*Chaetodipterus faber* (Atlantic) *C. zonatus* (Pacific)
Spanish sardine		*Sardinella anchovia*
Splittail		*Pogonichthys macrolepidotus*
Spot	A'awa (Hawaii), goody, lafayette	*Leiostomus xanthurus*
Squirrelfish	Alaihi (Hawaii)	Holocentridae
Steelhead trout	Rainbow trout, salmon trout	*Salmo gairdneri*
Striped bass	Rock, rockbass, rockfish, striper	*Morone saxatilis*
Sturgeon:		
Common	Atlantic sturgeon, green sturgeon, lake sturgeon, white sturgeon	*Acipenser* species
Shovelnose	Pallid sturgeon	*Scaphirhynchus platorynchus* *S. albus*
Suckers	Bayfish, freshwater mullet, redfin	Catostomidae
Sunfish	Bluegill, bream, perch	*Lepomis* species
Surgeonfish	Kala, maiko, palani, pualu (Hawaii)	Acanthuridae, *Naso unicornus*
Swellfish	Blowfish, globefish, northern puffer, puffer, swell toad	*Sphoeroides* species
Swordfish	A'u (Hawaii), broadbill swordfish	*Xiphias gladius*
Tang:		
Convict	Manini (Hawaii)	*Acanthurus sandvicensis*
Orange spot	Naenae (Hawaii)	*A. olivaceus*
Tautog	Blackfish, oysterfish	*Tautoga onitis*
Tenpounder	Awaawa (Hawaii), bigeyed herring, ladyfish	*Elops hawaiensis* *E. saurus*
Thimble-eyed mackerel	Bullseye mackerel, chub mackerel	*Scomber japonicus*
Threadfin	Moi (Hawaii)	*Polydactylus sexfilis*
Tilapia	Mosquitofish, mouthbrooder	*Tilapia* species
Tilefish		*Lopholatilus chamaeleonticeps*
Tomcod	Frost fish	*Microgadus proximus* (Pacific) *M. tomcod* (Atlantic)
Triggerfish	Humuhumu (Hawaii)	Balistidae

GLOSSARY

Common name used in Statistical Digest	Other common names	Scientific name
Tripletail	Blackfish, sunfish	*Lobotes surinamensis*
Tullibee (see chubs)		
Tuna:		
Albacore	Ahipalaha (Hawaii), longfin tuna	*Thunnus alalunga*
Bigeye	Ahi (Hawaii)	*T. obesus*
Blackfin		*T. atlanticus*
Black skipjack		*Euthynnus lineatus*
Bluefin	Horse mackerel	*Thunnus thynnus*
Little	Bonito, false albacore, kawakawa (Hawaii)	*Euthynnus alletteratus* (Atlantic) and *E. affinias* (Hawaii)
Skipjack	Aku (Hawaii), striped tuna, ocean bonito	*E. pelamis* and *Katsuwonus pelamis* (Hawaii)
Yellowfin	Ahi (Hawaii)	*Thunnus albacares*
Other		*Euthynnus* and *Thunnus* species
Turbot	Alaska plaice	*Pleuronectes quadrituberculatus*
Wahoo	Ono (Hawaii)	*Acanthocybium solandri*
Warsaw	Black jewfish, warsaw grouper	*Epinephelus nigritus*
White amur	Grass pike	*Ctenopharyngdon idellus*
Whitebait	Smelt	*Allosmerus elongatus*
White bass	White lake bass	*Morone chrysops*
Whitefish:		
Common	Lake whitefish	*Coregonus clupeaformis*
Menominee	Round whitefish	*Propsopium cylindraceum*
Ocean		*Caulolatilus princeps* (Pacific)
White perch		*Morone americana*
Whiting	Silver hake	*Merluccius bilinearis*
Wolffish	Atlantic wolffish, ocean catfish	*Anarhichas lupus*
Yellow bass	Bar fish	*Morone mississippiensis*
Yellow perch	Perch, ringed perch	*Perca flavescens*
Yellow pike	Pike perch, walleye pike	*Stizostedion vitreum vitreum*
Yellowtail		*Seriola dorsalis*

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Common name used in Statistical Digest	Other common names	Scientific name
CRUSTACEANS		
Crabs:		
Blue:		
Hard	Hard shell crab	*Callinectes sapidus*
Soft and peeler	Soft shell crab	*C. sapidus*
Dungeness	Market	*Cancer magister*
Green		*Carcinus maenas*
Jonah		*Cancer borealis*
King	Alaska king crab	*Paralithodes camschatica* *P. platypus* *Lithodes acquispina*
Kona		*Ranina ranina*
Red	Moala (Hawaii)	*Geryon quinquedens* (Atlantic) *Podophthalmus vigil* (Pacific)
Rock	Eelgrass crab	*Cancer irroratus* (Atlantic) *C. productus* (Pacific)
Samoan		*Scylla serrata* (Hawaii)
Snow	Tanner	*Chionoecetes bairdi*
Stone		*Menippe mercenaria*
White	Kuahonu (Hawaii)	*Portunus sanguinolentus*
Crawfish, freshwater	Crab, craw, crawdad, crayfish	*Astacus* species (Pacific) *Cambarus* species (Central and Eastern)
Horseshoe crab	Horsefoot crab, king crab	*Limulus polyphemus*
Lobster:		
American	Maine lobster, northern lobster	*Homarus americanus*
Slipper	Ulapapapa (Hawaii)	*Paribaccus antarcticus* *Scyllarides squamosus* (Hawaii)
Spiny	Bug crawfish, rock lobster, saltwater crawfish, ula (Hawaii)	*Panulirus argus* (Atlantic) *P. interruptus* (Pacific) *P. penicillatus* (Hawaii)
Sand shrimp	Ghost shrimp, blue mud shrimp	*Callianassa californiensis* *C. gigas* *C. affinis* *Upogebia pugettensis*
Shrimp:		
Saltwater	Bay shrimp, hoppers, ocean shrimp, opae (Hawaii), sea bobs, coon stripe, northern	Penaeidae, Pandalidae, Crangonidae *Penaeus aztecus* (brown) *P. brasiliensis* (pink) *P. duorarum* (pink) *P. setiferus* (white) *Xiphopenaeus kroyeri*(sea bob) *Sicyonia* species (rock) *Hymenopenaeus robustus* (royal red) *Pandalus borealis*
Freshwater		*Macrobrachium* species

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Common name used in Statistical Digest	Other common names	Scientific name
MOLLUSKS, et al.		
Abalone		*Haliotis* species
Clams:		
Cockle		*Cardium corbis* (Pacific)
Geoduck	Geoduc, gweduc, king clam	*Panopea generosa*
Hard	Butter, cherrystone, little neck, quahog, round clam	*Mercenaria campechiensis* *M. mercenaria* *Protothaca staminea* *Saxidomus giganteus*
Horse	Blue, blue neck, empire, horseneck clam, gaper	*Tresus capax* *T. nuttalli*
Ocean quahog	Black quahog, mahogany quahog	*Artica islandica*
Rangia	Freshwater clams	*Rangea cuneata* (East and Gulf coasts)
Razor		*Ensis directus* (Atlantic) *Siliqua patula* (Pacific)
Soft	Maninose, nannynose, sand clam, soft shell clam, steamer clam, mud clam	*Mya arenaria*
Sunray venus		*Macrocallista nimbosa*
Surf	Bar clam, sea clam, skimmer.	*Spisula solidissima*
Conchs	Whelks, moonshell, moonsnail	*Busycon* and *Strombus* species *Polinices heros*
Limpet	Coolie hat, hihiwai, opihi (Hawaii)	*Acmaea digitalis* *Helcioniscus argentatus* (saltwater, Hawaii) *Neritina granosa* (freshwater, Hawaii)
Mussels, sea	Edible mussel	*Mytilus californianus* (Pacific) *M. edulis* (Atlantic)
Mussel shells	Freshwater mussels	Unionidae
Pearls and slugs		Unionidae
Octopus	Devilfish, hee (Hawaii)	*Octopus vulgaris* (Atlantic) *O. hongkongensis* (Pacific)
Oysters:		
Eastern	American, cove	*Crassostrea virginica*
Pacific	Japanese	*C. gigas*
Western	Native, Olympia	*Ostrea lurida*
Periwinkles		Littorinidae
Scallops:		
Bay		*Argopecten irradians* (Northeast Atlantic) *Pecten dislocatus* (South Atlantic)
Calico		*Argopecten gibbus*
Sea		*Patinopecten caurinus* (Alaska) *Placopecten magellanicus* (Atlantic)

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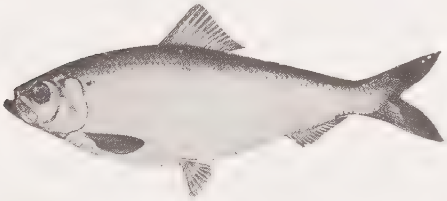
Common name used in Statistical Digest	Other common names	Scientific name
Squid	Bone squid, inkfish, muhee, taw taw (Hawaii), summer squid	*Loligo opalescens* (Pacific) *L. pealii* (Atlantic) *Illex* species
Sea urchins	Sea eggs	*Strongylocentrotus droebachiensis* (Atlantic) *S. purpuratus* (Pacific)
Terrapin	Diamondback	*Malaclemys terrapin*
Trepang	Loli (namako-Hawaii), sea cucumber	*Stichopus californicus* (Pacific) *Thyonebriareus* (Atlantic)
Turtles:		
Baby		Young of freshwater species
Green	Honu (Hawaii)	*Chelydra mydas*
Loggerhead		*Caretta caretta*
Slider		*Pseudemys* species
Snapper	Alligator turtle, hard shell.	*Chelydra serpentina* *Macroclemys temmincki*
Soft-shell		*Trionyx* species
Frogs		*Rana* species
Irish moss		*Chondrus crispus*
Kelp	Seaweed	*Macrocystis* species
Seaweed	Limu	*Porphyra* species
Sponges:		
Glove		*Spongia cheiris*
Grass		*Spongia graminea*
Sheepswool	Wool	*Hippiospongia lachne*
Bloodworm		*Glycera dibranchiata*
Sandworm		*Nereis* species
Fur seal		*Callorhinus ursinus*

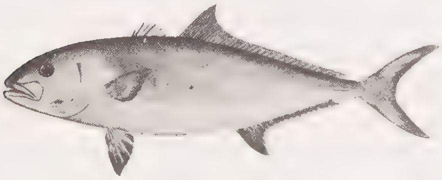
SECTION 15 - PICTORIAL SECTION

As many of the readers of this publication may not be familiar with all of the species of fish and shellfish, etc., taken commercially in the United States, illustrations of many of the various species are included in the following pages. The descriptive material appearing with each species includes the areas in which commercial landings are made in the United States and does not constitute the extreme limits in which they occur. Similarly, the gear listed for each species do not represent the only types of apparatus by which these species are obtained, but represent those types which are normally used in their capture. The gear do not necessarily appear in the order of their importance. Illustrations of species landed in Hawaii are not included in this section.

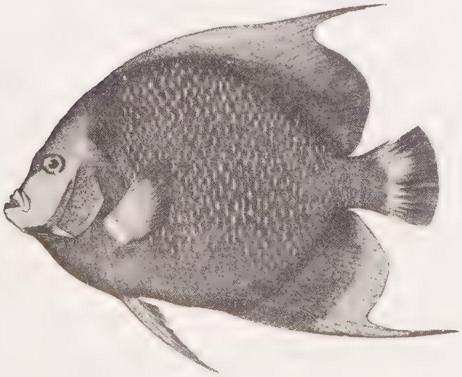
For more detailed information on the nomenclature of the fishery products listed below, the reader is referred to Section 14 of this publication entitled, "Glossary."



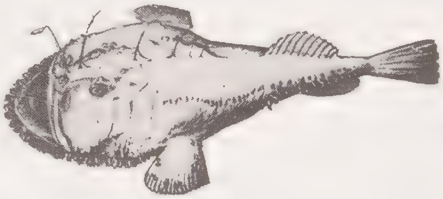
ALEWIFE
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, GILL NETS, WEIRS,
DIP NETS, HAUL SEINES, FLOATING TRAPS,
FYKE NETS



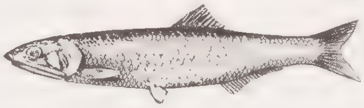
AMBERJACK
RANGE - FLORIDA
GEAR - HANDLINES, TROLL LINES



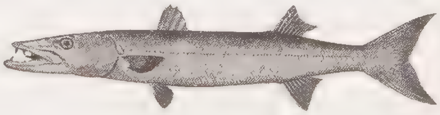
ANGELFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



ANGLERFISH
RANGE - NEW JERSEY TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS

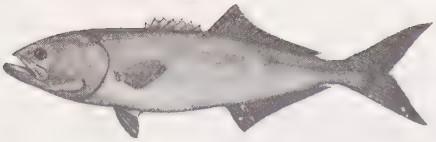


ANCHOVY
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES AND HAUL SEINES

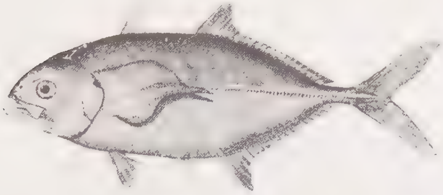


BARRACUDA (ATLANTIC)
RANGE - FLORIDA
GEAR - TROLL LINES, HANDLINES

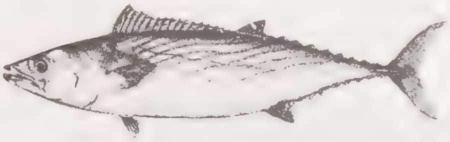
BARRACUDA (PACIFIC)
RANGE - CALIFORNIA
GEAR - PURSE SEINES, LONGLINES, HANDLINES,
TROLL LINES, GILL AND TRAMMEL NETS



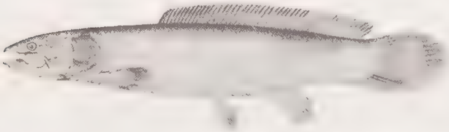
BLUEFISH
RANGE - GULF OF MEXICO TO NEW ENGLAND
GEAR - HAUL SEINES, GILL NETS, POUND NETS,
TROLL LINES, PURSE SEINES



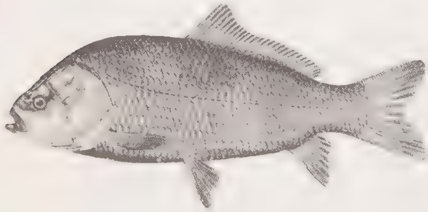
BLUE RUNNER OR HARDTAIL
RANGE - GULF OF MEXICO
GEAR - HAUL SEINES, GILL NETS, POTS



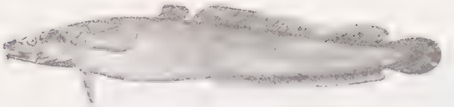
BONITO (ATLANTIC)
RANGE - NORTH CAROLINA TO MASSACHUSETTS
GEAR - POUND NETS, TROLL LINES, GILL NETS



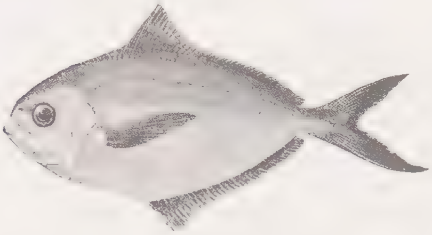
BOWFIN
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



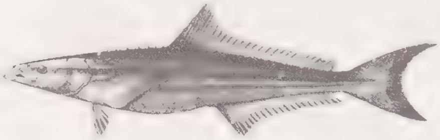
BUFFALOFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, FYKE NETS, TRAMMEL
NETS, TROTLINES



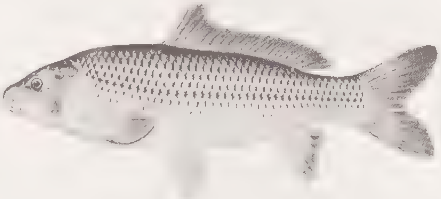
BURBOT
RANGE - GREAT LAKES
GEAR - GILL NETS, FYKE NETS, POUND
NETS, TRAP NETS



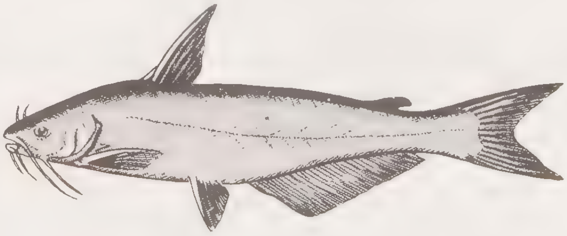
BUTTERFISH
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS



CABIO
RANGE - FLORIDA TO VIRGINIA
GEAR - HANDLINES, POUND NETS

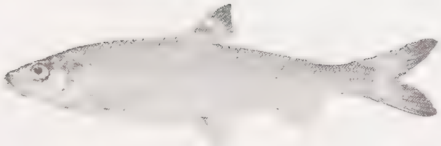


CARP
RANGE - FRESH-WATER
GEAR - HAUL SEINES, GILL NETS, TRAP NETS,
FYKE NETS, POUND NETS, TROTLINES

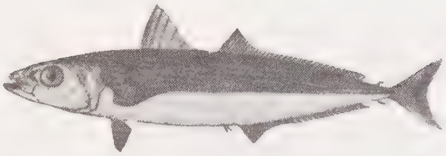


CATFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROTLINES, POUND
NETS, POTS, FYKE NETS

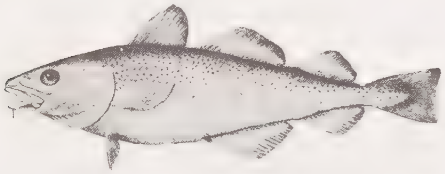
PICTORIAL SECTION



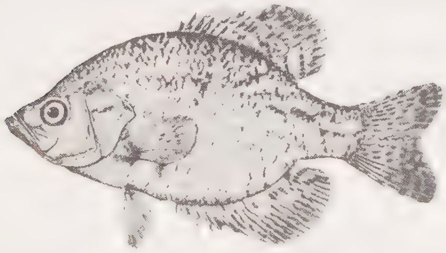
CHUB
RANGE - GREAT LAKES
GEAR - GILL NETS



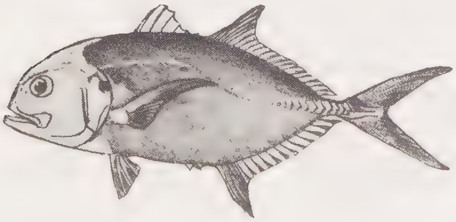
CIGARFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



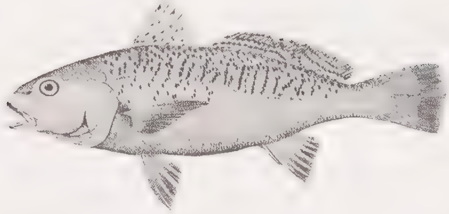
COD
RANGE - VIRGINIA TO MAINE, WASHINGTON,
AND ALASKA
GEAR - OTTER TRAWLS, LONGLINES, GILL NETS



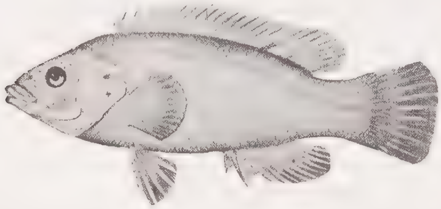
CRAPPIE
RANGE - FRESH-WATER LAKES
GEAR - HAUL SEINES, LINES, POTS



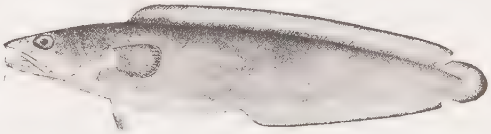
CREVALLE
RANGE - SOUTH ATLANTIC AND GULF STATES
GEAR - HAUL SEINES, GILL NETS, LINES



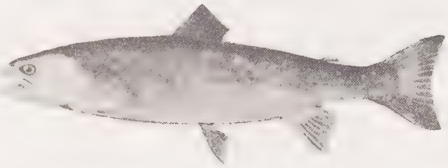
CROAKER
RANGE - GULF OF MEXICO TO NEW YORK
GEAR - POUND NETS, OTTER TRAWLS, HAUL SEINES,
GILL NETS



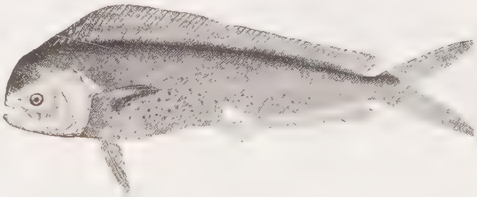
CUNNER
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, HANDLINES



CUSK
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, LONGLINES

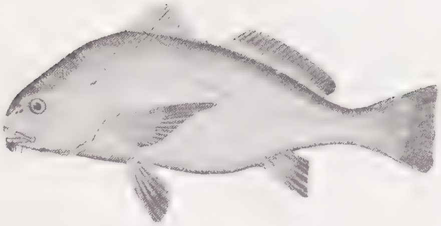


DOLLY VARDEN TROUT
RANGE - PACIFIC
GEAR - POUND NETS, GILL NETS, LINES

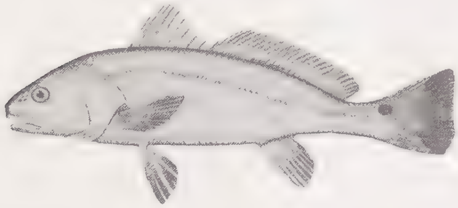


DOLPHIN
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - TROLL LINES

PICTORIAL SECTION

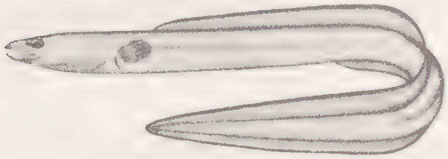


DRUM, BLACK
RANGE - TEXAS TO NORTH CAROLINA
GEAR - HAUL SEINES, POUND NETS, LINES

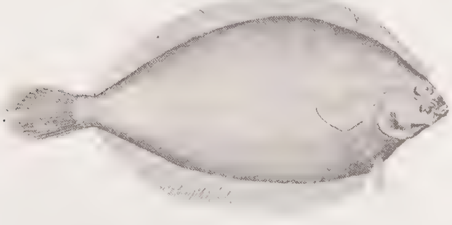


DRUM, RED
RANGE - TEXAS - MARYLAND
GEAR - POUND NETS, HAUL SEINES, GILL NETS, LINES

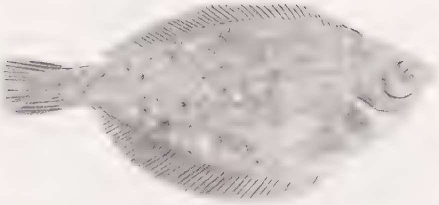
EEL, COMMON
RANGE - FLORIDA TO NEW ENGLAND AND IN MISSISSIPPI RIVER, LAKE ONTARIO
GEAR - POTS, SPEARS, POUND NETS



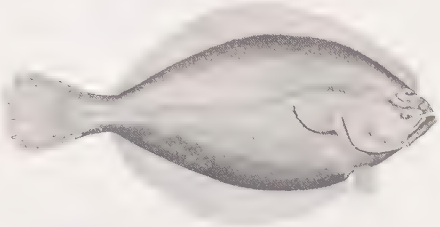
EEL, CONGER
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS



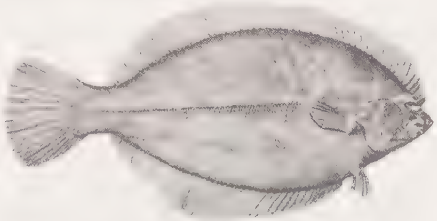
GRAY SOLE
RANGE - MASSACHUSETTS TO MAINE
GEAR - OTTER TRAWLS



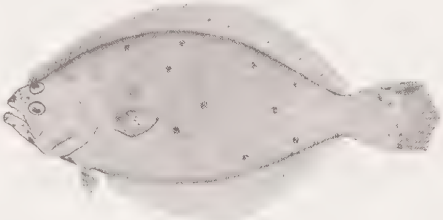
LEMON SOLE
RANGE - NEW YORK TO MAINE
GEAR - OTTER TRAWLS



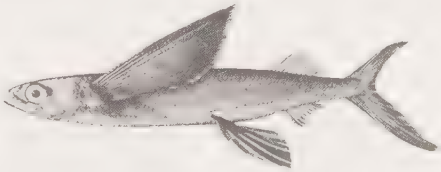
DAB
RANGE - MASSACHUSETTS TO NOVA SCOTIA
GEAR - OTTER TRAWLS, LONGLINES



BLACKBACK OR WINTER FLOUNDER
RANGE - NORTH CAROLINA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS, FYKE NETS, SPEARS, LINES

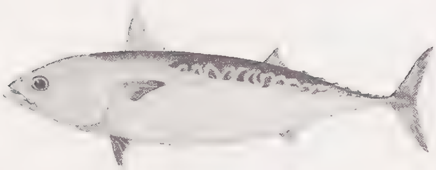


FLUKE
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWL, SPEARS, LINES

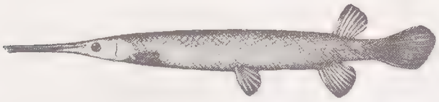


FLYING FISH
RANGE - PACIFIC AND ATLANTIC OCEANS
GEAR - GILL NETS

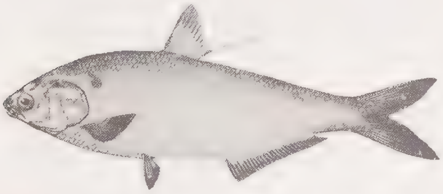
PICTORIAL SECTION



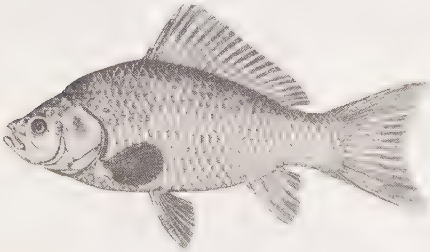
FRIGATE MACKEREL
RANGE - MIDDLE ATLANTIC
GEAR - POUND NETS



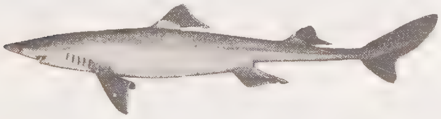
GARFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, LINES



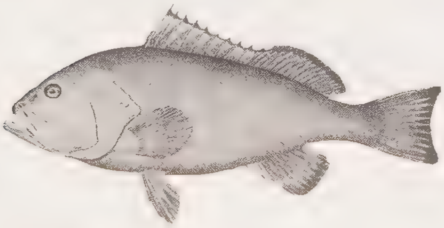
GIZZARD SHAD
RANGE - NORTH CAROLINA TO MARYLAND,
GREAT LAKES
GEAR - HAUL SEINES, POUND NETS, GILL NETS



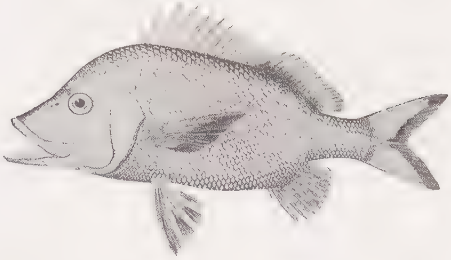
GOLDFISH
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



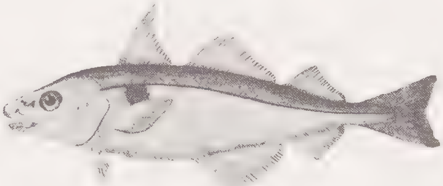
GRAYFISH
RANGE - PACIFIC
GEAR - LONGLINES, OTTER TRAWLS, GILL NETS



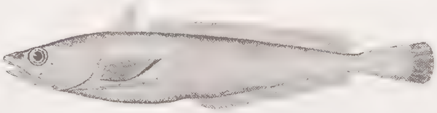
GROUPER
RANGE - TEXAS TO SOUTH CAROLINA
GEAR - HANDLINES, POTS



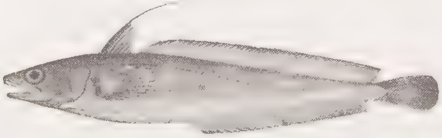
GRUNT
RANGE - FLORIDA
GEAR - POTS, GILL NETS, LINES



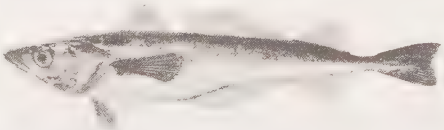
HADDOCK
RANGE - NEW ENGLAND STATES
GEAR - OTTER TRAWLS, GILL NETS, LONGLINES



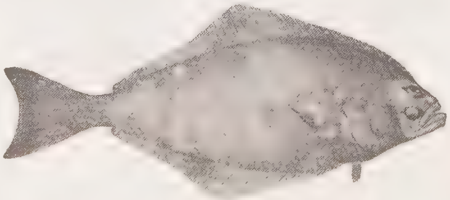
HAKE, RED
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS, OTTER TRAWLS, LONGLINES



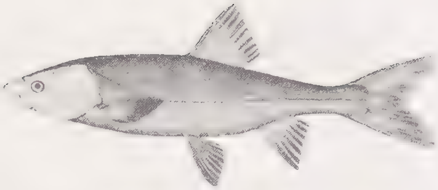
HAKE, WHITE
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS, OTTER TRAWLS, LONGLINES



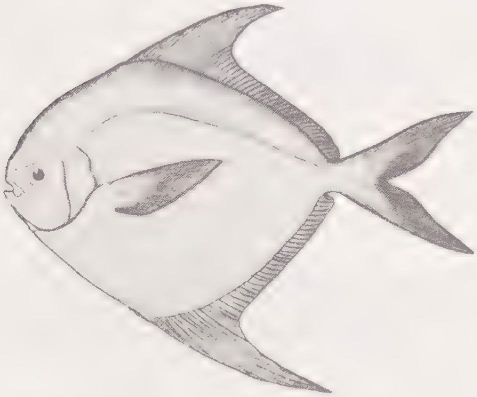
HAKE (PACIFIC)
RANGE - PACIFIC
GEAR - OTTER TRAWLS



HALIBUT
RANGE - PACIFIC COAST - NEW ENGLAND
GEAR - LONGLINES, OTTER TRAWLS



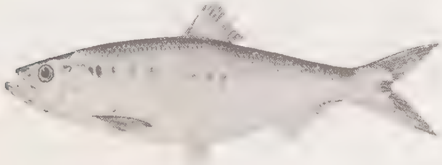
HARDHEAD
RANGE - CALIFORNIA
GEAR - FYKE NETS



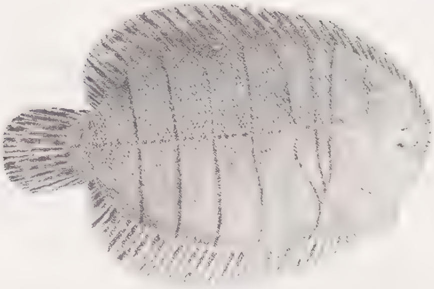
HARVESTFISH OR "STARFISH"
RANGE - NORTH CAROLINA TO CHESAPEAKE BAY
GEAR - HAUL SEINES, POUND NETS

HERRING, LAKE
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, POUND NETS,
TRAP NETS

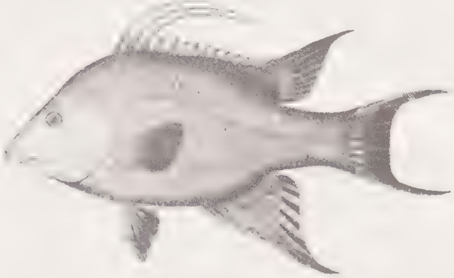
HERRING, SEA
RANGE - NEW JERSEY TO NEW ENGLAND, PACIFIC
COAST STATES AND ALASKA
GEAR - PURSE SEINES, WEIRS, FLOATING TRAPS,
STOP SEINES



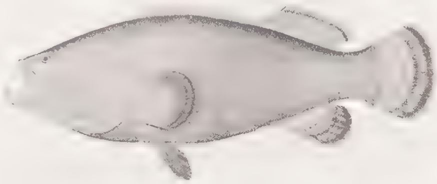
HICKORY SHAD
RANGE - FLORIDA TO RHODE ISLAND
GEAR - POUND NETS, HAUL SEINES, GILL NETS
FLOATING TRAPS



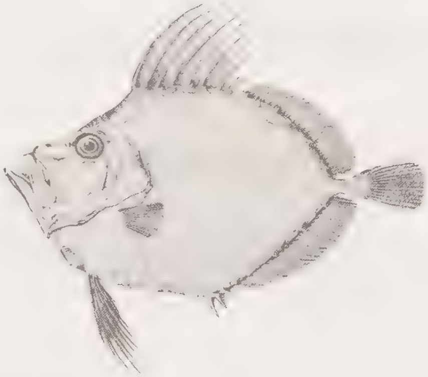
HOGCHOKER
RANGE - CHESAPEAKE BAY
GEAR - POUND NETS, HAUL SEINES



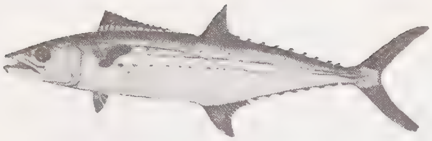
HOGFISH
RANGE - FLORIDA
GEAR - LINES



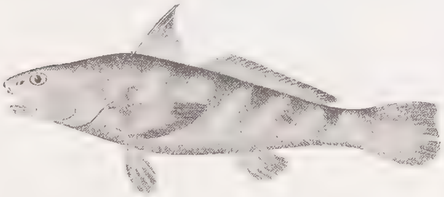
JEWFISH
RANGE - FLORIDA
GEAR - HANDLINES



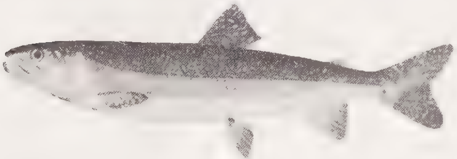
JOHN DORY
RANGE - MIDDLE ATLANTIC STATES
GEAR - OTTER TRAWLS



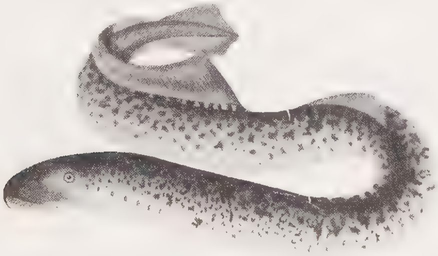
KING MACKEREL
RANGE - TEXAS TO NEW YORK
GEAR - TROLL LINES, GILL NETS, HANDLINES



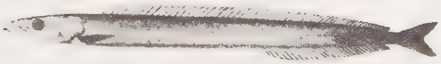
KING WHITING
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWLS, HAUL SEINES, POUND NETS



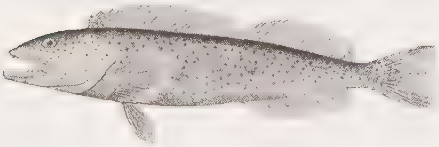
LAKE TROUT
RANGE - GREAT LAKES
GEAR - GILL NETS, LINES, POUND NETS (TRAP NETS)



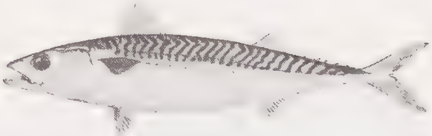
LAMPREY
RANGE - FRESH-WATER
GEAR - POTS, FYKE NETS



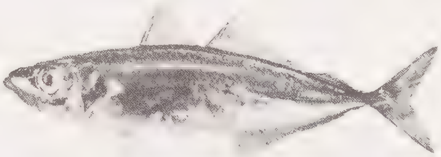
LAUNCE
RANGE - NEW ENGLAND
GEAR - HAUL SEINES



LINGCOD
RANGE - CALIFORNIA TO ALASKA
GEAR - OTTER TRAWLS, LONGLINES, HANDLINES

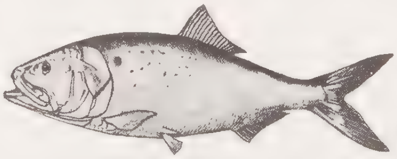


MACKEREL, ATLANTIC
RANGE - CHESAPEAKE BAY TO MAINE
GEAR - PURSE SEINES, GILL NETS, POUND NETS,
FLOATING TRAPS

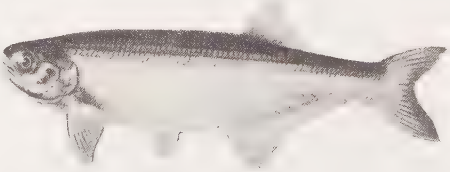


MACKEREL, JACK
RANGE - CALIFORNIA
GEAR - LINES, SEINES, LAMPARA NETS

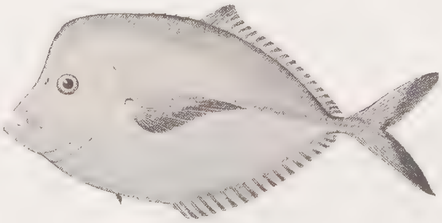
MACKEREL, PACIFIC
RANGE - CALIFORNIA
GEAR - LINES, SEINES, LAMPARA NETS



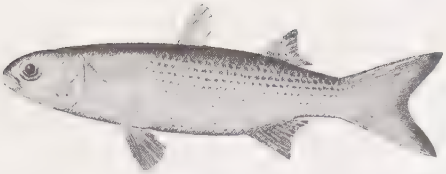
MENHADEN
RANGE - GULF OF MEXICO TO NEW ENGLAND
GEAR - PURSE SEINES, POUND NETS



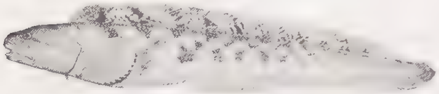
MOONEYE
RANGE - GREAT LAKES
GEAR - HAUL SEINES



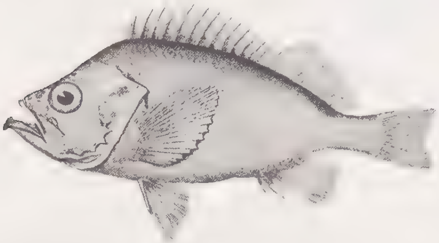
MOONFISH
RANGE - FLORIDA
GEAR - HANDLINES, HAUL SEINES



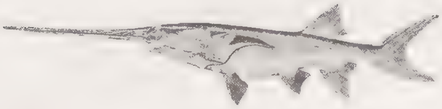
MULLET
RANGE - TEXAS TO NEW JERSEY
GEAR - GILL NETS, HAUL SEINES, POUND NETS,
CAST NETS



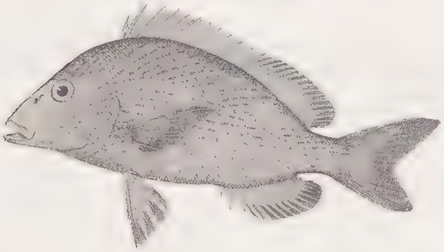
OCEAN POUT
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS



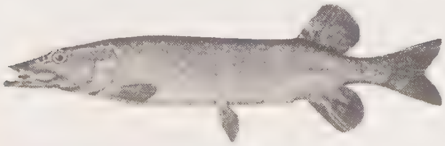
OCEAN PERCH
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS



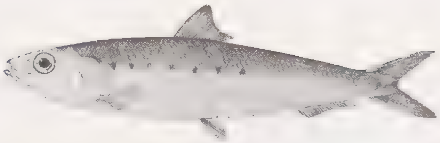
PADDLEFISH
RANGE - GULF OF MEXICO, MISSISSIPPI RIVER
GEAR - HAUL SEINES, TROTLINES



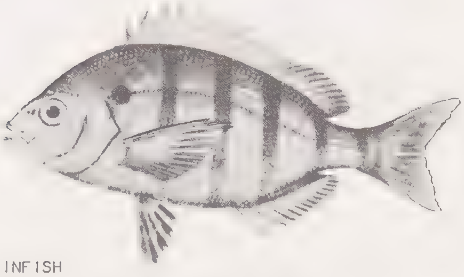
PIGFISH
RANGE - FLORIDA
GEAR - POTS, HANDLINES, GILL NETS



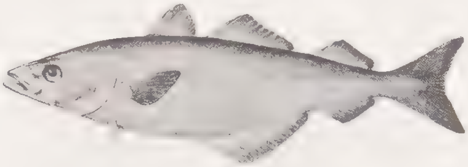
PIKE OR PICKEREL
RANGE - FRESH-WATER
GEAR - TRAP NETS, FYKE NETS. GILL NETS,
POUND NETS, HANDLINES



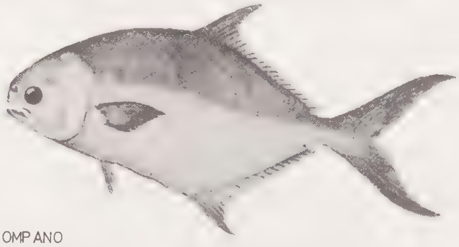
SARDINE, PACIFIC (PILCHARD)
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES, LAMPARA AND RING NETS,
GILL NETS



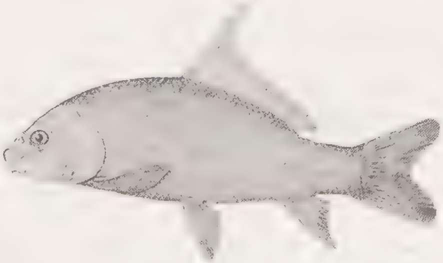
PINFISH
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - HAUL SEINES, GILL NETS



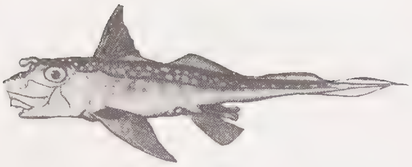
POLLOCK
RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - LONGLINES, FLOATING TRAPS, POUND NETS,
OTTER TRAWLS, GILL NETS



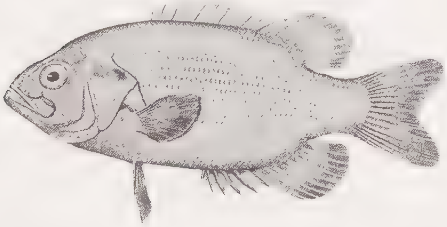
POMPANO
RANGE - TEXAS TO NORTH CAROLINA
GEAR - TRAMMEL NETS, HAUL SEINES, GILL NETS,
HANDLINES



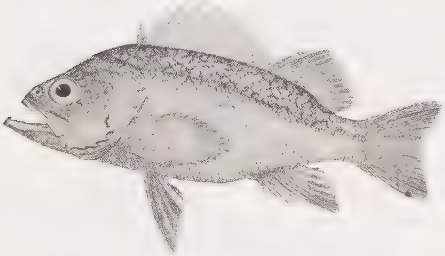
QUILLBACK
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROTLINES, FYKE NETS



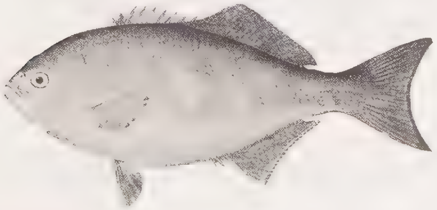
RATFISH
RANGE - WASHINGTON TO ALASKA
GEAR - BEAM TRAWLS, LONGLINES



ROCK BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKE NETS, HAUL SEINES,
GILL NETS



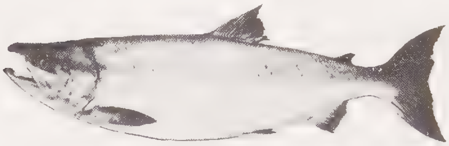
ROCKFISH
RANGE - CALIFORNIA TO ALASKA
GEAR - LINES, OTTER TRAWLS, PARANZELLA NETS,
GILL NETS



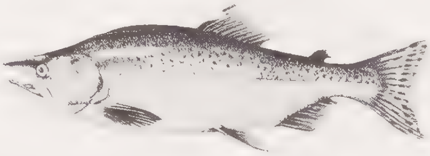
RUDDERFISH
RANGE - CALIFORNIA
GEAR - LAMPARA AND RING NETS

SABLEFISH
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - LONGLINES, OTTER TRAWLS

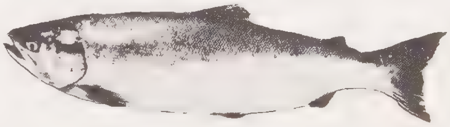
SALMON, CHINOOK OR KING
RANGE - CALIFORNIA TO ALASKA
GEAR - POUND NETS, PURSE SEINES, GILL NETS,
HAUL SEINES, TROLL LINES, REEF NETS



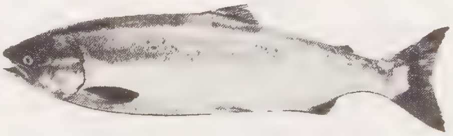
SALMON, CHUM OR KETA
RANGE - OREGON TO ALASKA
GEAR - POUND NETS, PURSE SEINES, GILL NETS,
HAUL SEINES, REEF NETS



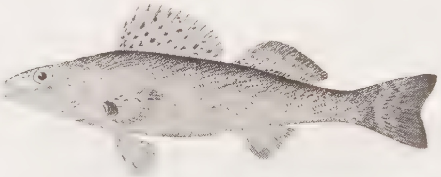
SALMON, PINK
RANGE - WASHINGTON TO ALASKA
GEAR - PURSE SEINES, POUND NETS, GILL NETS
REEF NETS



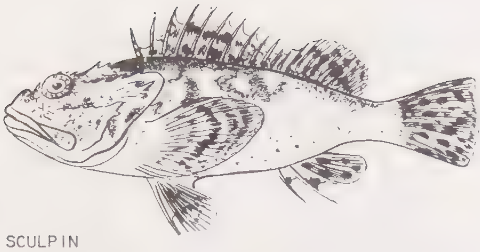
SALMON, RED OR SOCKEYE
RANGE - OREGON TO ALASKA
GEAR - GILL NETS, PURSE SEINES, POUND NETS,
REEF NETS



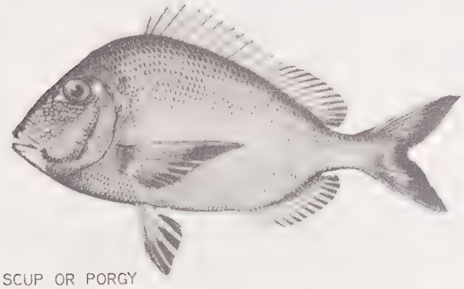
SALMON, SILVER OR COHO
RANGE - CALIFORNIA TO ALASKA
GEAR - HAUL SEINES, PURSE SEINES, GILL NETS,
TROLL LINES, POUND NETS, REEF NETS



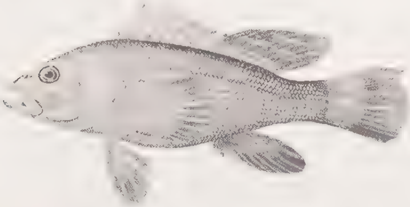
SAUGER
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, TRAP NETS,
FYKE NETS



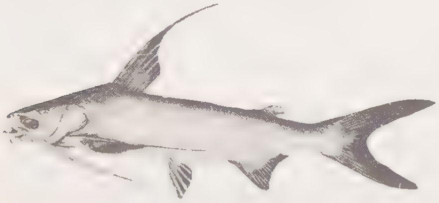
SCULPIN
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - LINES, GILL NETS, POTS



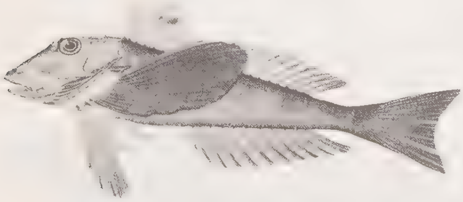
SCUP OR PORGY
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, POUND NETS



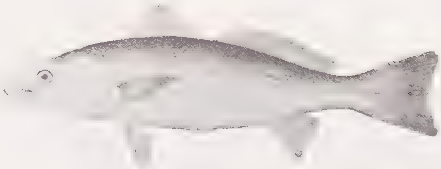
SEA BASS
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, HANDLINES, POTS



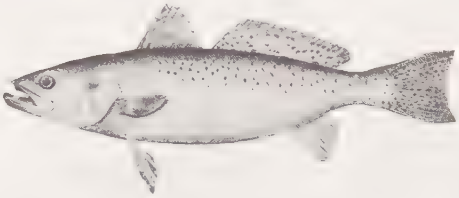
SEA CATFISH
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - OTTER TRAWLS, HAUL SEINES, HANDLINES



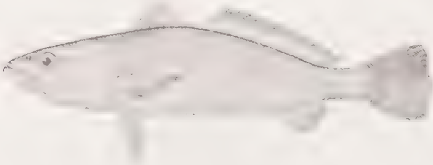
SEA ROBIN
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, OTTER TRAWLS



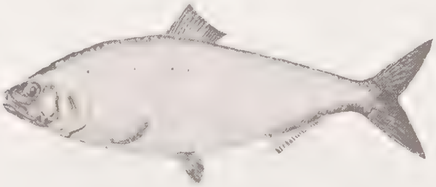
SEA TROUT OR WEAKFISH, GRAY
RANGE - FLORIDA TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS, PURSE SEINES,
GILL NETS, HAUL SEINES



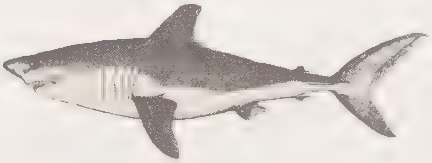
SEA TROUT OR WEAKFISH, SPOTTED
RANGE - MARYLAND TO TEXAS
GEAR - GILL NETS, TRAMMEL NETS, HAUL SEINES,
POUND NETS, OTTER TRAWLS, HANDLINES



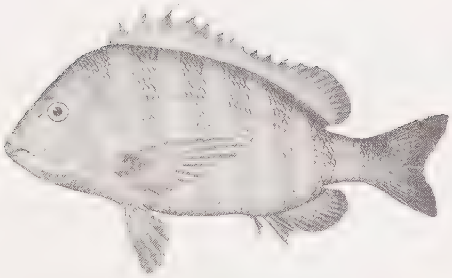
SEA TROUT OR WEAKFISH, WHITE
RANGE - GULF OF MEXICO
GEAR - GILL NETS, HAUL SEINES, HANDLINES



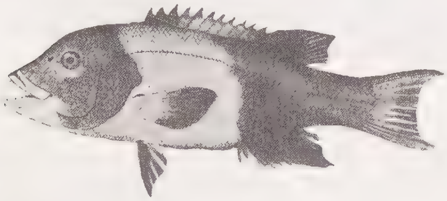
SHAD
RANGE - FLORIDA TO NEW ENGLAND
GEAR - GILL NETS, POUND NETS, FYKE NETS,
HAUL SEINES



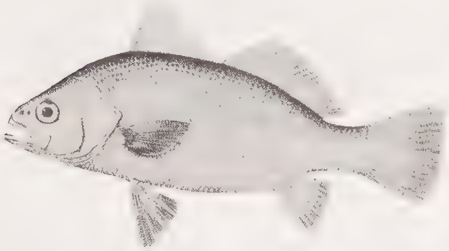
SHARK
RANGE - ATLANTIC COAST, GULF, PACIFIC COAST STATES
GEAR - LONGLINES, GILL NETS, OTTER TRAWLS



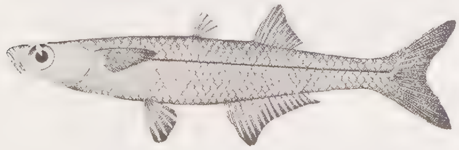
SHEEPSHEAD
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - HANDLINES, POTS



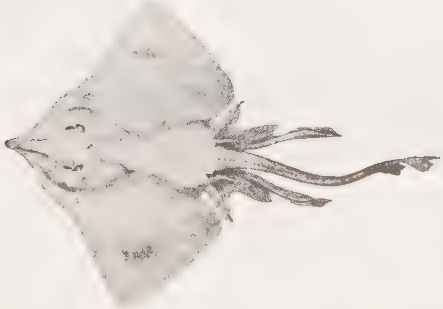
SHEEPSHEAD, CALIFORNIA
RANGE - CALIFORNIA
GEAR - LONGLINES, TRAMMEL NETS



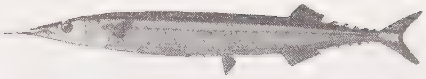
SAND PERCH
RANGE - TEXAS TO NEW YORK
GEAR - HAUL SEINES, GILL NETS, POUND NETS



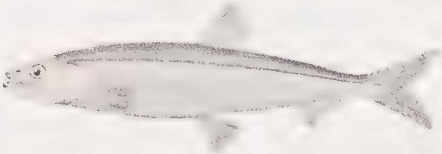
SILVERSIDES
RANGE - NEW YORK
GEAR - HAUL SEINES, OTTER TRAWLS



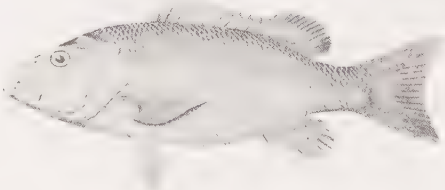
SKATE
RANGE - PACIFIC COAST, CHESAPEAKE BAY TO NEW ENGLAND
GEAR - LINES, OTTER TRAWLS, POUND NETS, HAUL SEINES



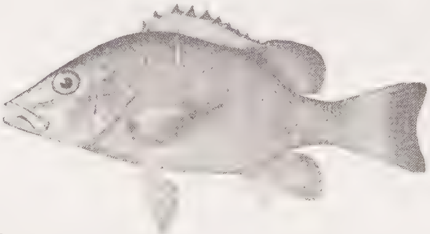
SKIPPER
RANGE - VIRGINIA TO NOVA SCOTIA
GEAR - POUND NETS, WEIRS



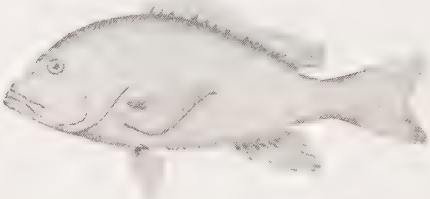
SMELT
RANGE - NEW YORK TO MAINE, PACIFIC OCEAN,
GREAT LAKES
GEAR - POUND NETS, DIP NETS, GILL NETS, HAUL SEINES



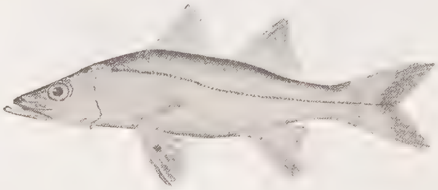
SNAPPER, MANGROVE
RANGE - FLORIDA
GEAR - HANDLINES, GILL NETS



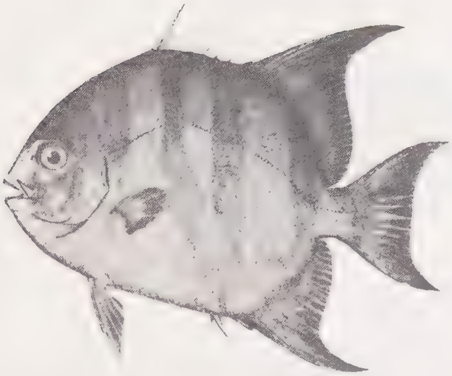
SNAPPER, LANE
RANGE - FLORIDA
GEAR - HANDLINES



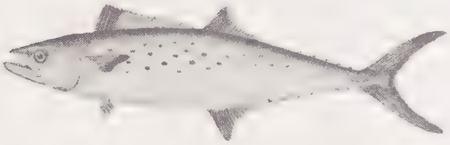
SNAPPER, RED
RANGE - TEXAS TO FLORIDA
GEAR - HANDLINES



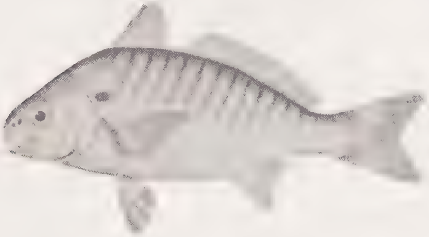
SNOOK
RANGE - TEXAS TO FLORIDA
GEAR - GILL NETS, HANDLINES, HAUL SEINES



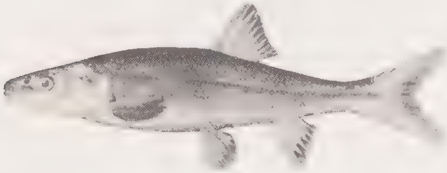
SPADEFISH
RANGE - FLORIDA
GEAR - GILL NETS, TRAMMEL NETS



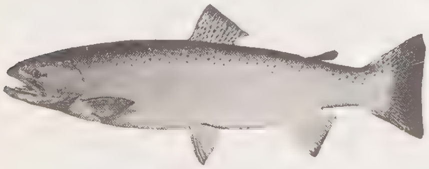
SPANISH MACKEREL
RANGE - TEXAS TO VIRGINIA
GEAR - GILL NETS, LINES, HAUL SEINES



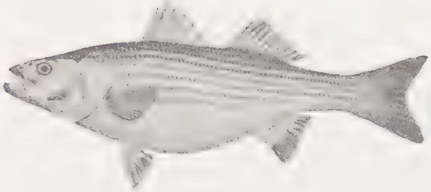
SPOT
RANGE - GULF OF MEXICO TO MIDDLE ATLANTIC STATES
GEAR - HAUL SEINES, GILL NETS, POUND NETS,
OTTER TRAWLS



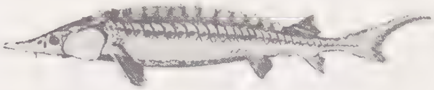
SQUAWFISH
RANGE - CALIFORNIA
GEAR - FYKE NETS, GILL NETS



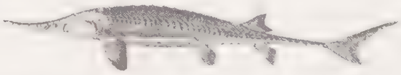
STEELHEAD TROUT
RANGE - OREGON TO ALASKA
GEAR - HAUL SEINES, POUND NETS, GILL NETS,
LINES, DIP NETS



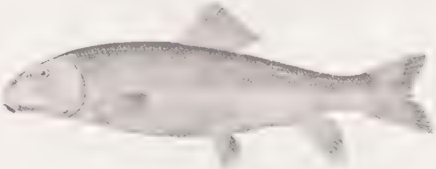
STRIPED BASS
RANGE - NORTH CAROLINA TO NEW ENGLAND, CALIFORNI
TO OREGON
GEAR - HAUL SEINES, GILL NETS, POUND NETS,
HANDLINES, FYKE NETS



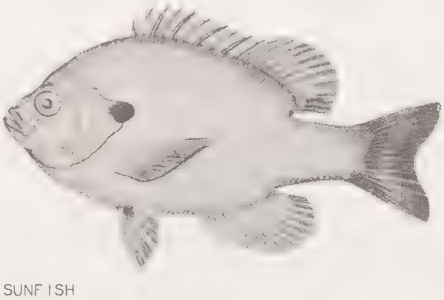
STURGEON
RANGE - COASTAL AND RIVER AREAS
GEAR - GILL NETS, LINES



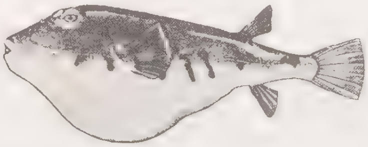
STURGEON, SHOVELNOSE
RANGE - FRESH-WATER
GEAR - HAUL SEINES, LINES, POUND NETS



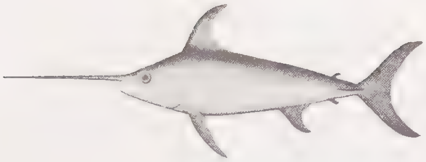
SUCKER
RANGE - FRESH-WATER
GEAR - POUND NETS, FYKE NETS, GILL NETS,
HAUL SEINES, TRAP NETS



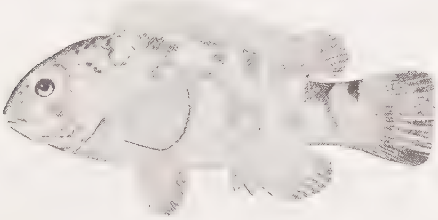
SUNFISH
RANGE - FRESH-WATER
GEAR - POTS, SEINES, TRAP NETS



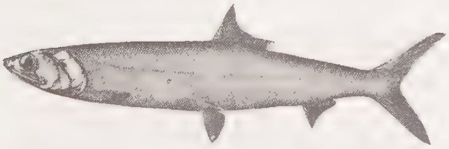
SWELLFISH
RANGE - CHESAPEAKE BAY TO MIDDLE ATLANTIC
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS



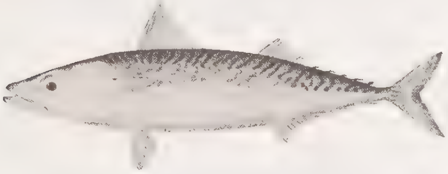
SWORDFISH
RANGE - NEW ENGLAND AND CALIFORNIA
GEAR - HARPOONS



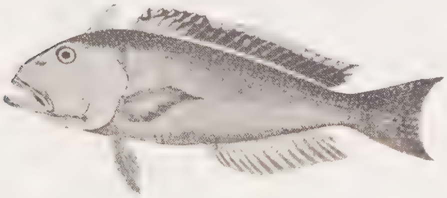
TAUTOG
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, HANDLINES, POTS



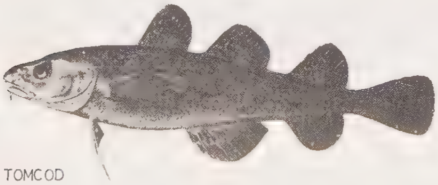
TENPOUNDER
RANGE - FLORIDA
GEAR - HAUL SEINES



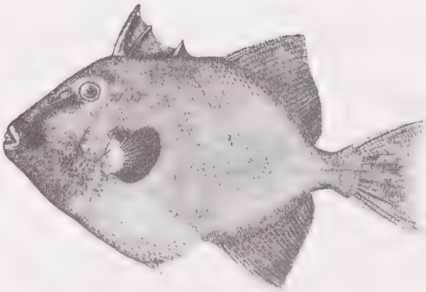
THIMBLE-EYED MACKEREL
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, PURSE SEINES, OTTER TRAWLS



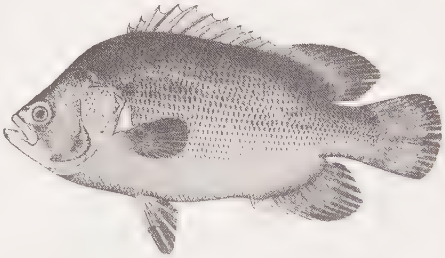
TILEFISH
RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - LONGLINES, REEF NETS, OTTER TRAWLS



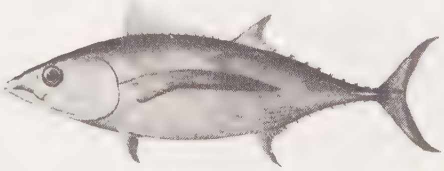
TOMCOD
RANGE - PACIFIC COAST, MIDDLE ATLANTIC AND
NEW ENGLAND STATES
GEAR - OTTER TRAWLS, DIP NETS



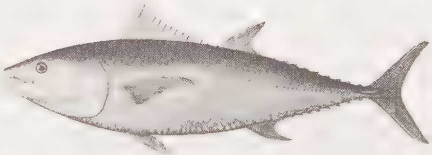
TRIGGERFISH
RANGE - FLORIDA
GEAR - HANDLINES



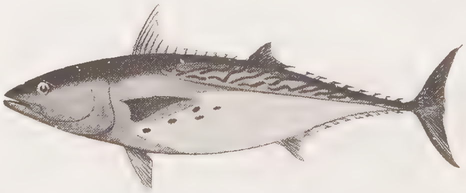
TRIPLETAIL
RANGE - FLORIDA
GEAR - HAUL SEINES, GILL NETS, LINES



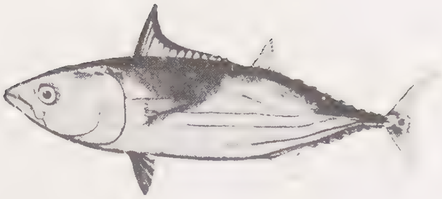
TUNA, ALBACORE
RANGE - PACIFIC COAST
GEAR - LINES



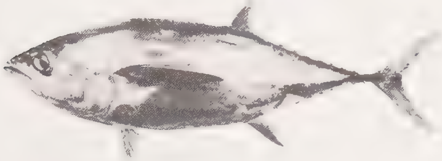
TUNA, BLUEFIN
RANGE - CALIFORNIA, NEW JERSEY TO MAINE
GEAR - PURSE SEINES, LAMPARA NETS, TROLL LINES,
POUND NETS, HARPOONS



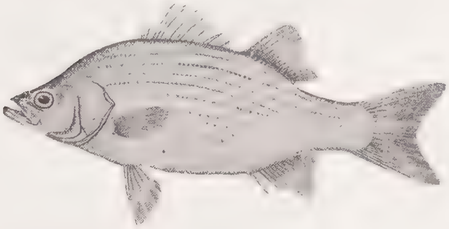
TUNA, LITTLE
RANGE - MASSACHUSETTS TO TEXAS
GEAR - POUND NETS, TROLL LINES, OTTER TRAWLS



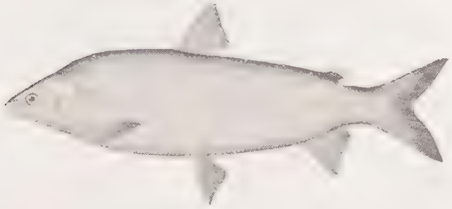
TUNA, SKIPJACK
RANGE - CALIFORNIA
GEAR - LINES AND PURSE SEINES



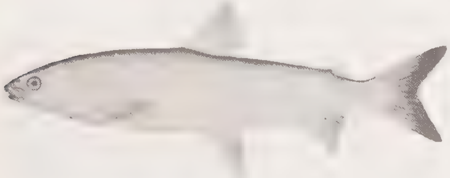
TUNA, YELLOWFIN
RANGE - PACIFIC
GEAR - LINES AND PURSE SEINES



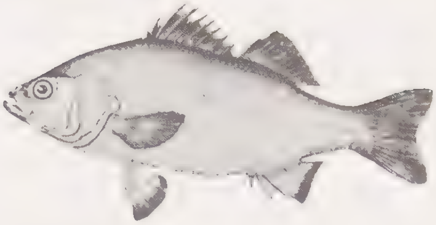
WHITE BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKE NETS, HAUL SEINES,
POUND NETS



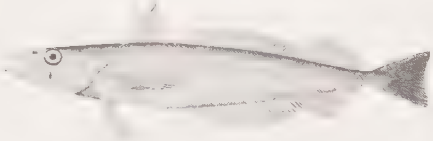
WHITEFISH, COMMON
RANGE - GREAT LAKES
GEAR - GILL NETS, POUND NETS, TRAP NETS



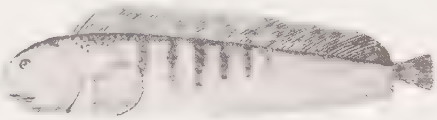
WHITEFISH, MENOMINEE
RANGE - ALASKA, GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, TRAP NETS,
POUND NETS



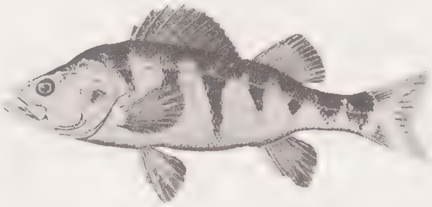
WHITE PERCH
RANGE - NORTH CAROLINA TO MAINE
GEAR - POUND NETS, FYKE NETS, HAUL SEINES



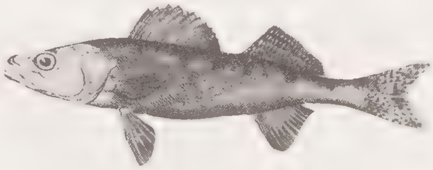
WHITING
RANGE - VIRGINIA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS



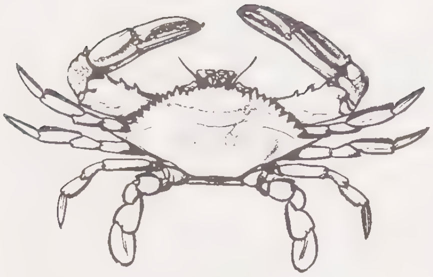
WOLFFISH
RANGE - MASSACHUSETTS AND MAINE
GEAR - OTTER TRAWLS, LONGLINES



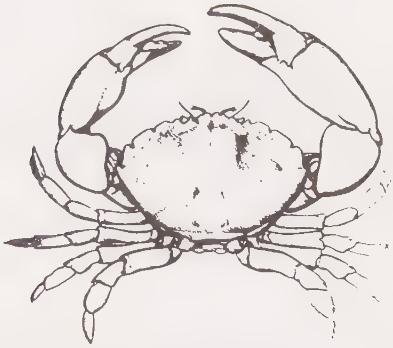
YELLOW PERCH
RANGE - GREAT LAKES, OTHER LAKES
GEAR - GILL NETS, TRAP NETS, POUND NETS,
FYKE NETS



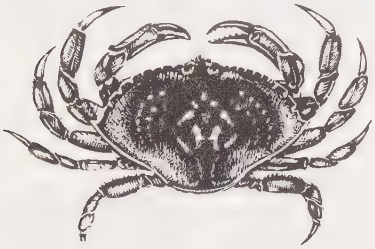
YELLOW PIKE
RANGE - GREAT LAKES
GEAR - POUND NETS, FYKE NETS, GILL NETS,
TRAP NETS



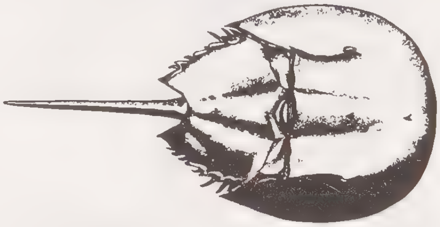
BLUE CRAB
RANGE - TEXAS TO RHODE ISLAND
GEAR - TROTLINES, POTS, FYKE NETS, DIP NETS, SCRAPES, DREDGES



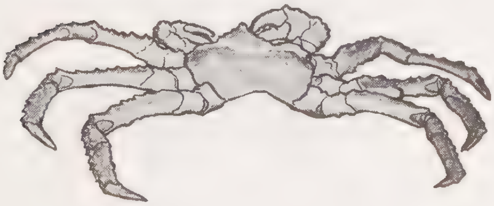
STONE CRAB
RANGE - FLORIDA
GEAR - DIP NETS, CRAB POTS



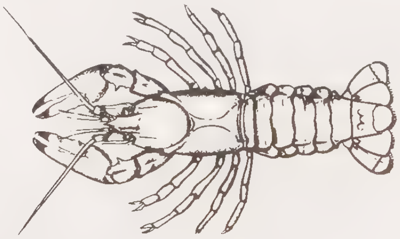
DUNGENESS CRAB
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - TRAPS



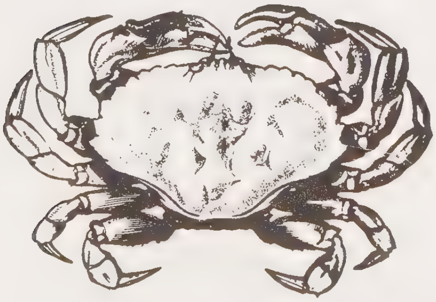
HORSESHOE CRAB
RANGE - MARYLAND TO NEW YORK
GEAR - POUND NETS, WEIRS, BY HAND



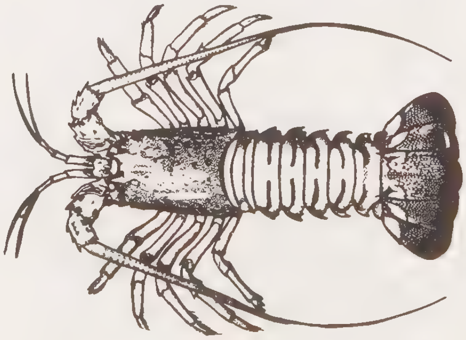
KING CRAB
RANGE - ALASKA
GEAR - POTS



FRESH-WATER CRAWFISH
RANGE - RIVERS AND LAKES
GEAR - POTS

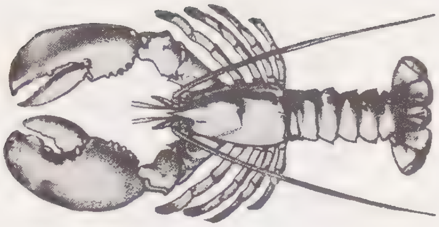


ROCK CRAB
RANGE - NEW ENGLAND
GEAR - POTS

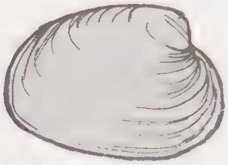


SPINY LOBSTER
RANGE - CALIFORNIA AND FLORIDA
GEAR - DIP NETS, POTS, HOOKS

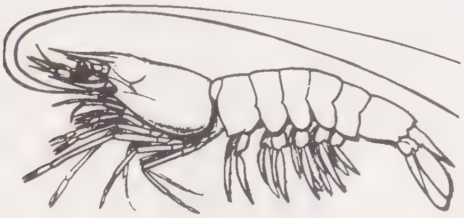
PICTORIAL SECTION



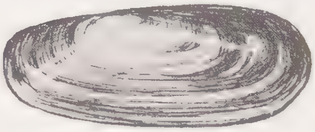
LOBSTER, AMERICAN
RANGE - VIRGINIA TO MAINE
GEAR - POTS, OTTER TRAWLS



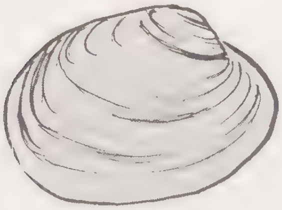
HARD CLAM
RANGE - FLORIDA TO MAINE
GEAR - HOES, DREDGES, TONGS, RAKES, BY HAND



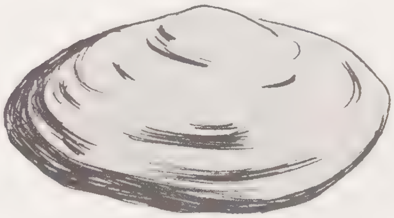
SHRIMP
RANGE - TEXAS TO NORTH CAROLINA, MAINE,
CALIFORNIA, WASHINGTON, AND ALASKA
GEAR - SHRIMP TRAWLS



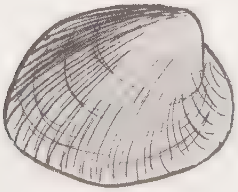
RAZOR CLAM, PACIFIC
RANGE - OREGON, WASHINGTON AND ALASKA
GEAR - SHOVELS



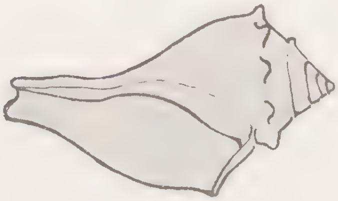
BUTTER CLAM
RANGE - PACIFIC COAST
GEAR - SHOVELS



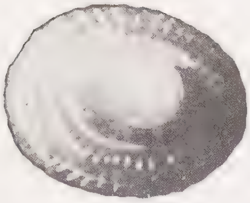
SOFT CLAM
RANGE - MIDDLE ATLANTIC TO NEW ENGLAND,
PACIFIC COAST STATES
GEAR - FORKS, HOES, RAKES, DREDGES



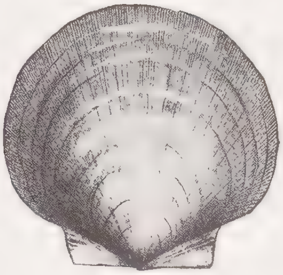
LITTLE NECK CLAM
RANGE - PACIFIC COAST
GEAR - SHOVELS



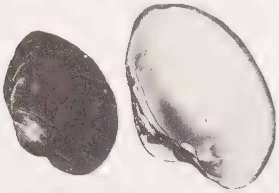
CONCH
RANGE - FLORIDA TO MAINE
GEAR - OTTER TRAWLS, DREDGES, POTS, AND BY HAND



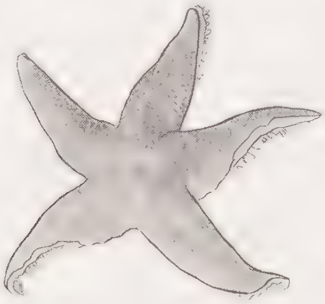
LIMPET
RANGE - NEW YORK AND NEW ENGLAND
GEAR - DREDGES



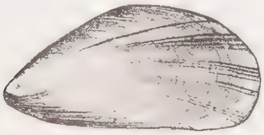
SEA SCALLOP
RANGE - NEW JERSEY TO MAINE
GEAR - DREDGES, OTTER TRAWLS



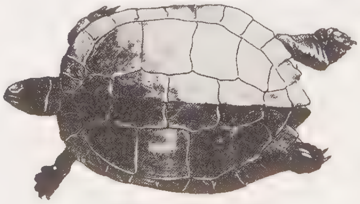
FRESH-WATER MUSSEL
RANGE - FRESH-WATER STREAMS
GEAR - CROWFOOT BARS, PICKS, HAND



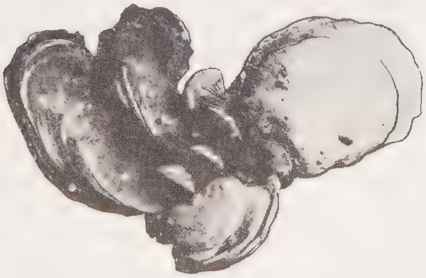
STARFISH
RANGE - ATLANTIC AND PACIFIC COAST
GEAR - HOOKS, SCRAPES, "MOPS"



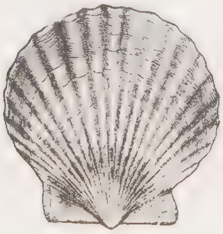
SEA MUSSEL
RANGE - NORTH CAROLINA TO MAINE
GEAR - DREDGES, TONGS, RAKES, HAND



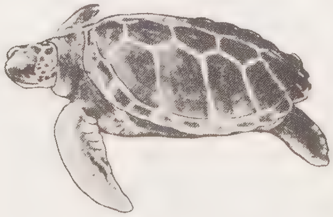
TERRAPIN
RANGE - TEXAS TO NEW JERSEY
GEAR - HAUL SEINES, BY HAND



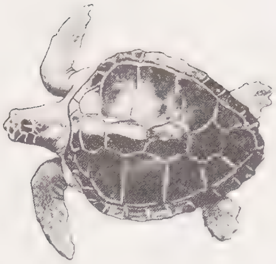
OYSTER
RANGE - TEXAS TO MASSACHUSETTS, PACIFIC COAST
GEAR - TONGS, DREDGES, RAKES, BY HAND



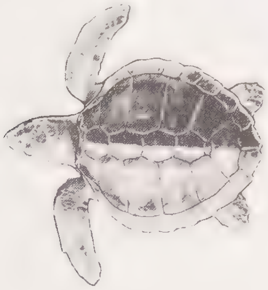
BAY SCALLOP
RANGE - FLORIDA TO MASSACHUSETTS, WASHINGTON
GEAR - DREDGES, SCRAPES, PUSH NETS, TONGS, RAKES
DIP NETS



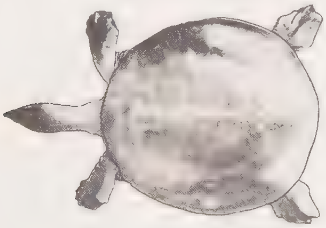
GREEN TURTLE
RANGE - FLORIDA
GEAR - GILL NETS



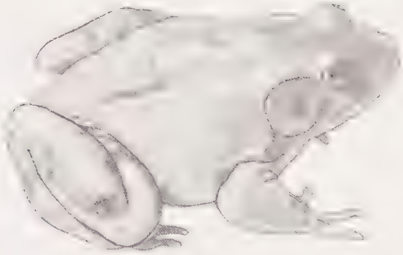
LOGGERHEAD TURTLE
RANGE - FLORIDA TO NEW JERSEY
GEAR - GILL NETS



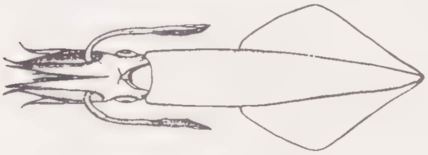
HAWKSBILL TURTLE
RANGE - GULF OF MEXICO, AND ATLANTIC COAST TO NEW YORK
GEAR - BY HAND, POUND NETS



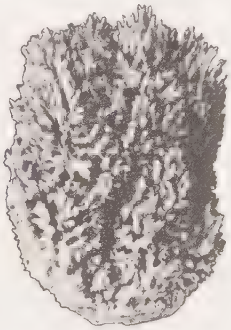
SOFT-SHELL TURTLE
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, FYKE NETS, POTS



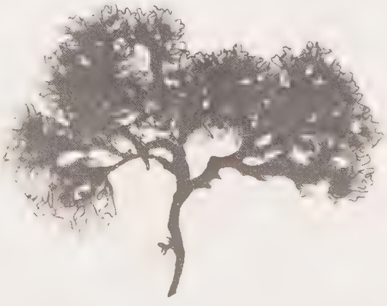
FROG
RANGE - FRESH-WATER, MARSHES, POND
GEAR - SPEARS, GRABS



SQUID
RANGE - VIRGINIA TO MAINE, CALIFORNIA AND WASHINGTON
GEAR - LAMPARA NETS, GILL NETS, OTTER TRAWLS, POUND NETS



SPONGE
RANGE - FLORIDA
GEAR - HOOKS, DIVING OUTFITS



IRISH MOSS
RANGE - NEW ENGLAND
GEAR - RAKES

SECTION 16
STATISTICAL PUBLICATIONS

THE FOLLOWING LIST OF PUBLICATIONS INCLUDES ALL REPORTS ISSUED IN THE CURRENT FISHERY STATISTICS (C.F.S.) SERIES DURING 1976.

C.F.S. NO.	TITLE
	CATCHES AND LANDINGS:
	NATIONAL SURVEYS:
6900	FISHERIES OF THE UNITED STATES, 1975
	REGIONAL SURVEYS:
6819	GULF FISHERIES, ANNUAL SUMMARY 1973
6818	SOUTH ATLANTIC FISHERIES, ANNUAL SUMMARY 1973
7228	CHESAPEAKE FISHERIES, ANNUAL SUMMARY 1974
7231	GREAT LAKES FISHERIES, ANNUAL SUMMARY 1974
7230	GULF FISHERIES, ANNUAL SUMMARY 1974
7232	HAWAII FISHERIES, ANNUAL SUMMARY 1974
7227	MIDDLE ATLANTIC FISHERIES, ANNUAL SUMMARY 1974
7233	MISSISSIPPI RIVER FISHERIES, ANNUAL SUMMARY 1974
7226	NEW ENGLAND FISHERIES, ANNUAL SUMMARY 1974
7229	SOUTH ATLANTIC FISHERIES, ANNUAL SUMMARY 1974
	STATE SURVEYS:
	ALABAMA LANDINGS:
6894	OCTOBER 1975
6939	NOVEMBER 1975
6958	DECEMBER 1975
6920	ANNUAL SUMMARY 1975
6977	JANUARY 1976
6996	FEBRUARY 1976
7016	MARCH 1976
7035	APRIL 1976
7054	MAY 1976
7074	JUNE 1976
7093	JULY 1976
	FLORIDA LANDINGS:
6684	JANUARY 1975
6729	FEBRUARY 1975
6749	MARCH 1975
6768	APRIL 1975
6787	MAY 1975
6808	JUNE 1975
6835	JULY 1975
6854	AUGUST 1975
6874	SEPTEMBER 1975
6893	OCTOBER 1975
6938	NOVEMBER 1975
6957	DECEMBER 1975
	GEORGIA LANDINGS:
6956	NOVEMBER 1975
6937	DECEMBER 1975
6918	ANNUAL SUMMARY 1975
6975	JANUARY 1976
6994	FEBRUARY 1976
7014	MARCH 1976
7033	APRIL 1976
7052	MAY 1976
7072	JUNE 1976
7091	JULY 1976
7110	AUGUST 1976
7130	SEPTEMBER 1976
7149	OCTOBER 1976
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6722	ANNUAL SUMMARY 1974
6896	OCTOBER 1975
6941	NOVEMBER 1975
6960	DECEMBER 1975
6922	ANNUAL SUMMARY 1975
6979	JANUARY 1976
6998	FEBRUARY 1976
7018	MARCH 1976
7037	APRIL 1976
7056	MAY 1976
7076	JUNE 1976
7095	JULY 1976
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6709	ANNUAL SUMMARY 1974
6928	NOVEMBER 1975
6947	DECEMBER 1975
6909	ANNUAL SUMMARY 1975
6966	JANUARY 1976
6985	FEBRUARY 1976
7005	MARCH 1976
7024	APRIL 1976
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7121	SEPTEMBER 1976
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6714	ANNUAL 1974
6933	NOVEMBER 1975
6952	DECEMBER 1975
6971	JANUARY 1976
6990	FEBRUARY 1976
7010	MARCH 1976
7029	APRIL 1976
7048	MAY 1976
7068	JUNE 1976
7087	JULY 1976
7106	AUGUST 1976
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6929	NOVEMBER 1975
6948	DECEMBER 1975
6910	ANNUAL 1975
6967	JANUARY 1976
6986	FEBRUARY 1976
7006	MARCH 1976
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7083	JULY 1976
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6721	ANNUAL SUMMARY 1974
6895	OCTOBER 1974
6940	NOVEMBER 1974
6959	DECEMBER 1974
6921	ANNUAL SUMMARY 1975
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6997	FEBRUARY 1976
7017	MARCH 1976
7036	APRIL 1976
7055	MAY 1976
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7094	JULY 1976
7113	AUGUST 1976
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7009	MARCH 1976
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7067	JUNE 1976
7086	JULY 1976
7105	AUGUST 1976
7125	SEPTEMBER 1976
7144	OCTOBER 1976

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6950	DECEMBER 1975
6912	ANNUAL SUMMARY 1975
6969	JANUARY 1976
6988	FEBRUARY 1976
7008	MARCH 1976
7027	APRIL 1976
7046	MAY 1976
7066	JUNE 1976
7085	JULY 1976
7104	AUGUST 1976
7124	SEPTEMBER 1976
7143	OCTOBER 1976
	NORTH CAROLINA LANDINGS:
6935	NOVEMBER 1975
6954	DECEMBER 1975
6916	ANNUAL SUMMARY 1975
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6992	FEBRUARY 1976
7012	MARCH 1976
7031	APRIL 1976
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7070	JUNE 1976
7089	JULY 1976
7108	AUGUST 1976
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7147	OCTOBER 1976
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6711	ANNUAL SUMMARY 1974
6930	NOVEMBER 1975
6949	DECEMBER 1975
6911	ANNUAL SUMMARY 1975
6968	JANUARY 1976
6987	FEBRUARY 1976
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7026	APRIL 1976
7045	MAY 1976
7065	JUNE 1976
7084	JULY 1976
7103	AUGUST 1976
7123	SEPTEMBER 1976
7142	OCTOBER 1976
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6936	NOVEMBER 1975
6955	DECEMBER 1975
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6993	FEBRUARY 1976
7013	MARCH 1976
7032	APRIL 1976
7051	MAY 1976
7071	JUNE 1976
7090	JULY 1976
7109	AUGUST 1976
7129	SEPTEMBER 1976
7148	OCTOBER 1976
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6942	NOVEMBER 1975
6961	DECEMBER 1975
6980	JANUARY 1976
6999	FEBRUARY 1976
7019	MARCH 1976
7038	APRIL 1976
7057	MAY 1976
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7096	JULY 1976
7115	AUGUST 1976
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6934	NOVEMBER 1975
6953	DECEMBER 1975
6972	JANUARY 1976
6991	FEBRUARY 1976
7011	MARCH 1976
7030	APRIL 1976
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7069	JUNE 1976
7088	JULY 1976
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6944	NOVEMBER 1975
6963	DECEMBER 1975
6925	ANNUAL SUMMARY
6982	JANUARY 1976
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6898	OCTOBER 1975
6943	NOVEMBER 1975
6962	DECEMBER 1975
6924	ANNUAL SUMMARY 1975
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7062	JUNE 1976
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